

THE AMERICAN School Board Journal

August



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SUBSCRIPTION PRICE, \$1.00 PER YEAR.

WM. GEO. BRUCE
PUBLISHER.
MILWAUKEE

MANUFACTURES SUPERIOR SCHOOL BELLS.

Central School Supply House

Wabash Ave. and Randolph St., CHICAGO, ILL.

WHY NOT BUY YOUR

**Maps, Globes,
Reading Charts,
Anatomical Models,
Cravons, Erasers,
Blackboards, Ink,
Stationery, Pens,
Pencils, and all
School Supplies**

from the manufacturer and save the profit usually paid to jobbers?

The CENTRAL SCHOOL SUPPLY HOUSE is not only the *oldest* manufacturing house in Chicago, but the *largest* in the world.

The reputation they have for fair dealing, good goods, and low prices is second to none.

They want a chance to bid on your supplies of all kinds. Send them your list and see if their prices are not correct.

The Densmore Typewriter.

DOING A LAND OFFICE
BUSINESS! * * * * *

Four years ago the United States Land Office purchased 40 Densmores. This same department has just (June 29) given an order for 60 Densmores. The significant inference from these facts we can safely leave to the public.

**Ball-Bearing, Easiest, Quickest, Handiest,
Most Durable.**

OUR FREE PAMPHLET OR A TRIAL OF OUR MACHINE CONVINCES.

DENSMORE TYPEWRITER CO., 316 Broadway,
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See what the Schools are Doing that have Adopted the

BLICKENSDERFER
\$35. \$50.

High in quality. Low in price.

The smallest and most compact, yet producing the finest quality of work of any machine on the market.

SPECIAL FEATURES:

Interchangeable type, visible writing, no ribbon, excellent manifold, weight, Six pounds, guaranteed in every respect. Send for catalogue.

THE BLICKENSDERFER MFG. CO., 148 LaSalle St., CHICAGO.
325 Broadway, NEW YORK.
Factory, Stamford, Conn.



STUDENTS WHO WIN

desirable positions quickly are those who are the most thoroughly trained in the operation of the

Remington



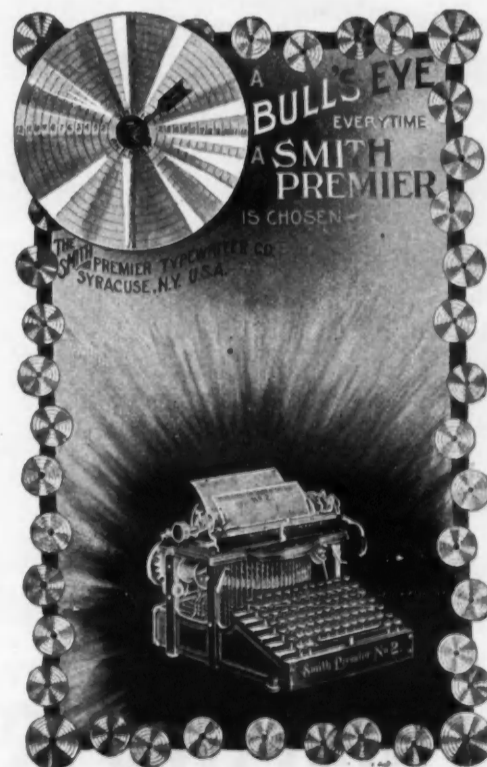
Standard Typewriter

Because it is the one most generally and extensively used by the business world.

There is Always a Demand For First-Rate Remington Operators.

New Models, Nos. 6, 7, and 8 (Wide Carriage).

Wyckoff, Seamans & Benedict, 327 Broadway,
NEW YORK.



A GOOD SCHOOL DESK.

HONEST GOODS.

In producing our school desks we not only embody the latest and best ideas in the construction of a desk—but we use the best material.

Our woods are selected in the forests, and then seasoned in our kilns. This important matter is never overlooked. The consequence is that our furniture never warps or cracks. In compactness and firmness it is as good at the end of twenty-five years as it is the first day it is manufactured.

Our reputation has been built up largely on the honesty of our goods.

NOT IN THE SCHOOL FURNITURE TRUST.



THE BOLTLESS AUTOMATIC.

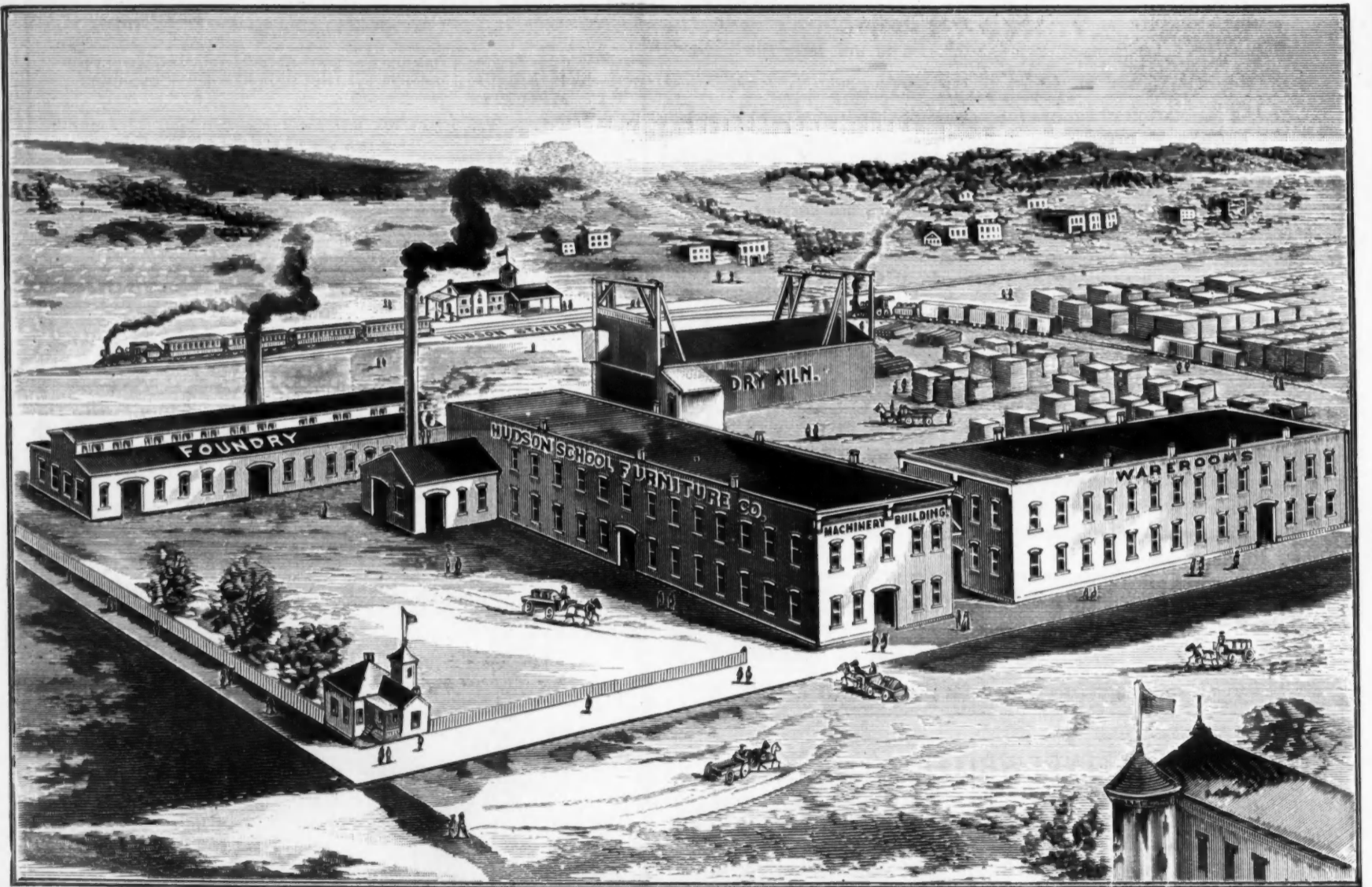
FAIR PRICES.

We believe in fairness both to the seller as well as the buyer. The manufacturer who employs honest labor—uses good material—wood that will wear—iron that is without defect—must charge a reasonable price. And such a price is always cheap in the end.

There is a difference between “cheapness and cheapness.” The one seems cheap at the start and becomes mighty expensive in the end.

The other is reasonable at the start and is as bargain to the buyer at all times—a bargain that wears well—gives satisfaction to the schools—and enables us to sell again.

AGENTS WANTED.



FACTORY AND OFFICE OF
THE HUDSON SCHOOL FURNITURE CO.,
ATHENS, O.



Boltless Automatic.

School Boards.

The purpose of this advertisement is obvious. It is to acquaint you with the fact that we make and sell school furniture—with the additional fact that we make the very best that can be obtained in the American market to-day. While it may be pardonable, for a manufacturer, like any retail merchant, to "toot his horn" in order to sell his goods, it is the object here to do no "tooting" in the sense that that word is commonly understood, but to tell you simply that we make an article for which you may be in the market.

To that end we place this advertisement before you.



TALKING IT OVER.

School Committees.

Your duties devolve upon you to select school furniture at certain times during your official career. In doing so, you aim to select goods that will meet with the approval of those who are supposed to be informed on the subject. This approval implies a properly constructed school desk—of honest material—and at a price that is reasonable.

The taxpayer, and many others who are not taxpayers, are always ready to offer criticism if some mistake has been made. The school board member who has had an experience of this kind does not want any more mistakes "in his." He wants the selection made to be a safe one. Our goods are safe goods—they never fail to give satisfaction. Those who buy once will buy again.



THE "BOLTLESS AUTOMATIC."

OUR PRICES.

We sell our furniture direct from the office and by reliable traveling salesmen. If sold direct from the factory to the School Board the expense of selling (which the purchaser always has to pay) is only the cost of postage. We pay the postage, you do the rest. Prompt filling of orders is an inflexible rule in our office.

Write for list of school boards who order direct from factory. Our direct prices will interest you.

NOT IN THE SCHOOL FURNITURE TRUST.

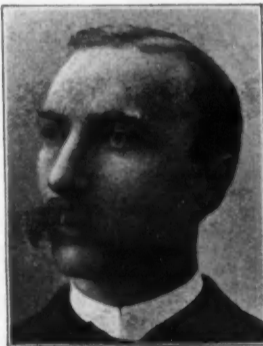


THE "BOLTLESS AUTOMATIC."

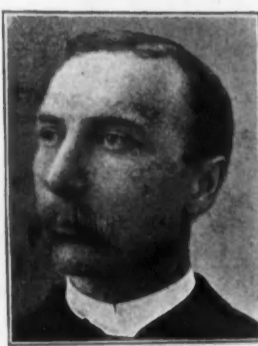
Reliable Firm.

We have been in the school desk business for twenty years. During this time we have always sold goods to a school board so that we could sell again. That has been the secret of our success. It is the secret of success in any business. Deal so you may deal again.

AGENTS WANTED.



S. M. HUDSON
President.



W. C. HUDSON,
Secretary.

THE TWIN SCHOOL DESK MEN.

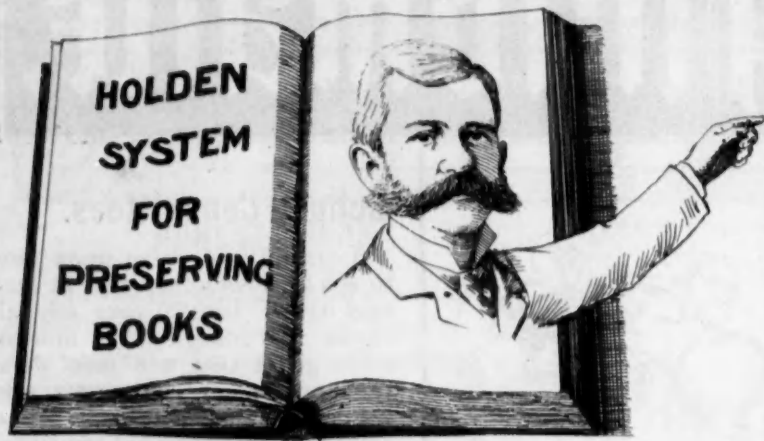
Goods Shipped Direct.

We have dealt for years with school boards who have ordered goods direct from our factory. A list of these boards will be sent upon application. They have confidence in us as manufacturers and as business men. We never fail to treat them fairly and honorably. They know their orders will be properly filled.

AGENTS WANTED.

The Hudson School Furniture Co.

Athens, Ohio.



"YOU CAN'T FOOL ALL THE PEOPLE ALL THE TIME"
SCHOOL BOARDS ARE AWAKENING

TO THE FACT THAT IT IS
LESS EXPENSIVE AND MORE PROGRESSIVE
TO USE THE
Holden Book Covers, Self Binders and Transparent Papers,

Than it is to use *Home Made Manila Paper Covers.*

WE HAVE THE ONLY BOOK COVER FACTORY IN THE WORLD WHICH EMPLOYS HELP THE YEAR ROUND.

Economy takes the place of Extravagance.
Simplicity takes the place of Unsightly Ragged-edged torn books.
Progressiveness takes the place of Old-fashioned Home-made Book-Covers.

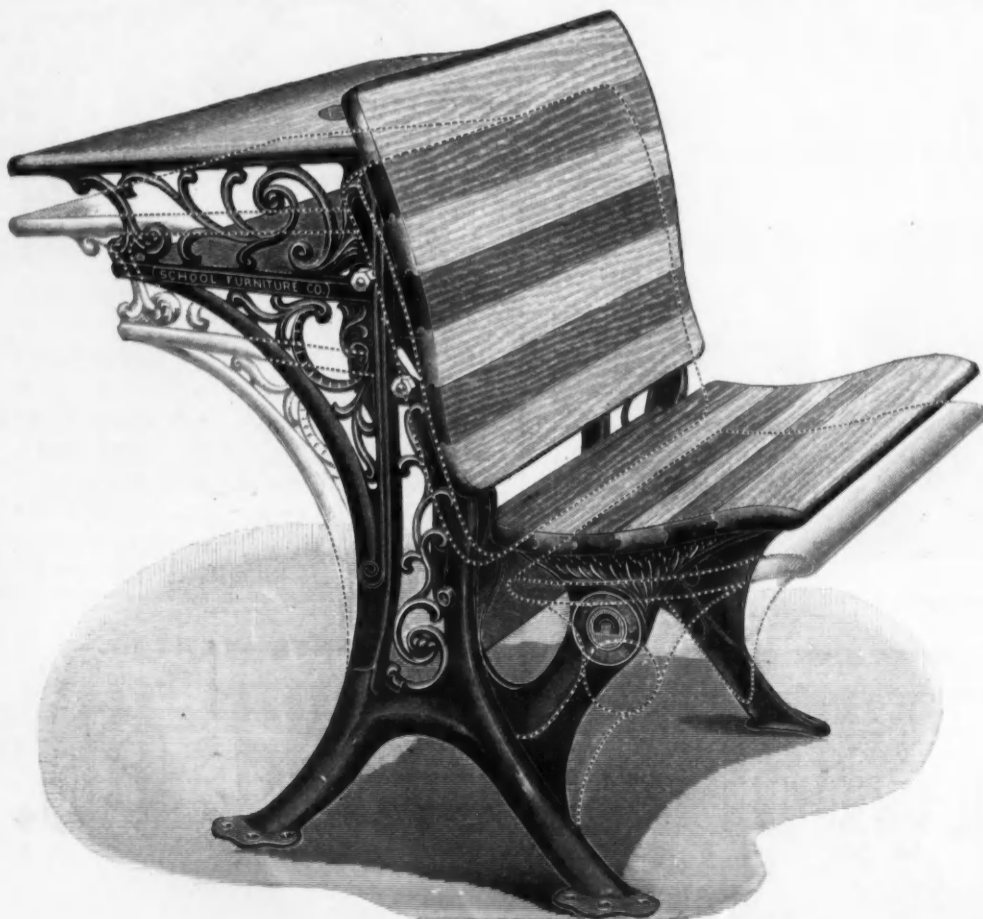
Effectiveness takes the place of Shoddy, Cheap Book-Covers which do not wear three months.
Cleanliness takes the place of Filthy books passed among the Pupils.

Common Sense and Caution means the **Saving** of **Many Dollars** to the **Taxpayers** if they see that the "Holden System for Preserving Books" is used in their schools.
Because we can add 50 per cent. to the life of the text-books. Samples free.

HOLDEN PATENT BOOK COVER COMPANY,

P. O. Box 643-B. SPRINGFIELD, MASS.

The Grand Rapids "Ball-Bearing" Combination Adjustable Desk.



The most perfect desk on the market. Simple and positive in adjustment—a child can operate it. Desks that can be adjusted to fit the pupils occupying them are the only common sense desks for school room use, and the only ones that should be used.

THE BALL BEARING COMBINATION ADJUSTABLE

Has stood the test of usage and has demonstrated its superiority over all others. Investigate this desk and you will be a convert to its superiority. Descriptive catalogues sent free for the asking.

THIS DESK LEADS THEM ALL.

Manufactured at Grand Rapids School Furniture Works.

Eastern Office, 814 Constable Bldg., New York.
Western Office, 92 Wabash Ave., Chicago.
Factory, Grand Rapids, Mich.

SCHOOL FURNITURE WORKS.

To the entire satisfaction of pupil, patron and the public when bearing the name of the A. H. ANDREWS Co., because their motto—"The best that Money, Men and Material can Produce." The purchase of **SCHOOL FURNITURE WORKS** a hardship on the taxpayer when the works that work the lumber and iron into seats is working for some one else who also has other works idle and on which taxes and interest must be earned by the works that work your seats out.

Why buy your desks of agents or jobbers representing certain **SCHOOL FURNITURE WORKS** all owned or controlled by one concern and pretending to compete with each other, when you can deal directly with the makers, owners and sellers?

WE MAKE OUR OWN GOODS IN OUR OWN FACTORY AND SHIP EVERYTHING FROM CHICAGO.

We Sell Our Own Goods in Our Own Name and You Deal Directly With the Manufacturer.

We are not owned, controlled, associated with, dictated by, or in any manner connected with any other concern, manufacturer, dealer, corporation, association or agency.

OUR WARRANTY MEANS SOMETHING.

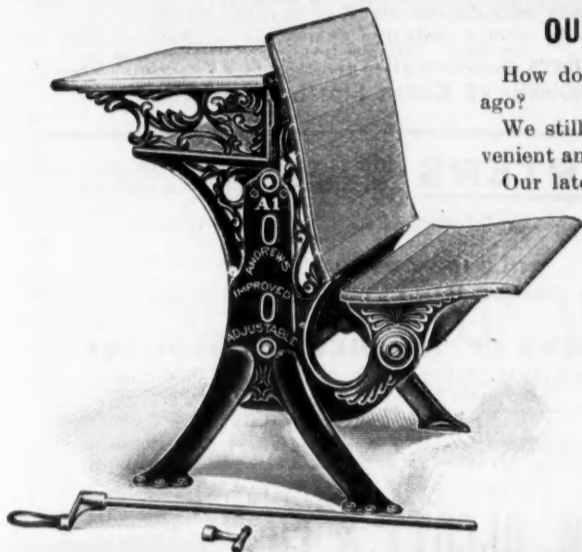
How do our seats look that we sold you 10, 15, 20, or 25 years ago?

We still make them just as durable, more comfortable, convenient and handsome.

Our latest, designs **THE NEW RUGBY** shown on the right and **THE IMPROVED ADJUSTABLE** shown on the left, use the same woods and you will also note castings are quite similar in appearance. You can use both styles in the same room with pleasing effect. The Chicago schools have adopted this idea. You can have the advantage of adjustable desks and seats for those pupils that require such at a nominal expense.

Why not put a few of our Improved Adjustables in your schools with our New Rugby if you are not already converted to adjustable furniture.

A postal brings particulars and prices.



The A. H. ANDREWS CO.

300-304
WABASH AVE.
CHICAGO, ILL.

THE FIDELITY SCHOOL DESK AND SEAT. INSTANTANEOUSLY ADJUSTABLE

HIGH GRADE WORK AND
HIGH SCHOOL FURNITURE OUR
SPECIALTY.



SAUDER'S HYGIENIC AND SANITARY "PERFECTION" FOR SCHOOLS.

Sauder's Adjustable Commercial School Desk and Noiseless Friction Hinge Box Lid Desk are without Peer and Just the thing for up to date Schools and their Requirements.

MANUFACTURED BY **THE J. M. SAUDER COMPANY,**

1213-1215 Filbert Street, PHILADELPHIA, PA., U. S. A.

THE FIDELITY School Desk is made in three separate and distinct sizes, so as to fully meet all varied requirements in all the different grades of schools. The above illustration shows the same size desk adjusted in three different positions: highest, lowest, and intermediate points, yet maintaining, as you will note, the same beautiful and symmetrical appearance at any point of adjustment, which can be said of no other adjustable desk in the market. In the construction of the "Fidelity" the objectionable features in all other adjustable school desks have been eliminated; all the advantages have been embodied in the most simple, yet effective mechanical and practical manner. It is an admitted fact (even by our competitors), that we have the simplest and easiest method of adjustment, that we have the most rigid desk in the market, but they will tell you

"it costs too much; theirs will answer your purpose and that it will cost you less money." WE SAY, before you purchase EXAMINE our furniture, compare it with any or all manufacturers, investigate our claims, and if opportunity is afforded us we will demonstrate to your entire satisfaction that we can adjust the Fidelity desk and seat from either side, with the pupil in position, to a more perfect degree of comfort, in much less time and with far greater ease (and without the aid of any complicated measuring devices), and have the desk and seat remain firmer and more rigid for a greater length of time than any adjustable desk in the world. Further, that it will be as rigid and durable and will answer the same purpose more satisfactorily than any stationary desk ever offered.

That for the high and uniform grade and quality of

work we furnish, we cannot do it for as little money as the cheap grades of work on the market, but there is no manufacturer can offer you furniture at prices sufficiently lower that the difference will justify your acceptance if comfort and health to pupil, ease of adjustment, mechanical ingenuity and simplicity are taken into consideration. Write us fully, stating your requirements, and we will do all we can to please you. While our prices may not be the lowest, they are consistent with the quality of goods we produce, and are regulated by cost of material and labor, and will be the same to every purchaser, if by mail or otherwise. All our transactions are free and independent from any trust or combination of manufacturers, and we assure to our customers fair, prompt, and honorable treatment at all times.



INDIANAPOLIS INDIANA
CROWELL APPARATUS CO.

Desk is equipped with sufficient Apparatus to perform over 500 experiments. Selling like wildfire.

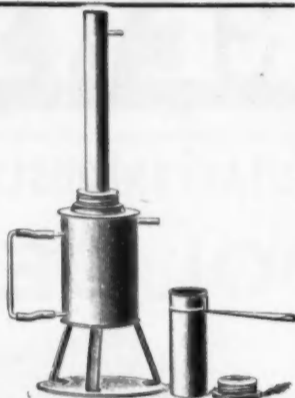
Send for large illustrated Catalogue and recent letters of Commendation.

FRANKLIN EDUCATIONAL CO.
BOSTON, MASS. CHICAGO, ILL.

Physical, Chemical and Biological Apparatus.

SEND FOR OUR CATALOGUES AND ESTIMATES.
A NEW CATALOGUE OF PHYSICAL APPARATUS JUST PUBLISHED.

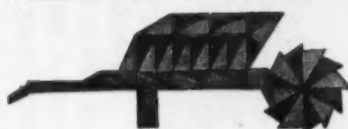
Franklin Educational Co., Harcourt St., BOSTON, MASS.



CENTURY SCHOOL SUPPLY CO.

MANUFACTURERS AND PUBLISHERS OF

YAGGY'S GEOGRAPHICAL PORTFOLIO,
AND GENERAL SCHOOL SUPPLIES,
211-213 MADISON STREET, CHICAGO.
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KINDERGARTEN SUPPLIES.

Kindergarten Furniture, Kindergarten Books and General Kindergarten Materials.

We are the only house in the United States devoted exclusively to Kindergarten Material. We carry a large stock of the goods, and have a force of clerks skilled in Kindergarten work and we intend to merit a reputation for promptness and accuracy in filling orders.

Thomas Charles Company,

General Western Agents for Milton Bradley Co.,

Send to us for Complete Catalog.

195-197 Wabash Ave., CHICAGO, ILL.

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IF YOU ARE INTERESTED IN
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Send your address. We will tell you of our "AMERICAN WOODS"—a publication on the trees of the United States illustrated by actual specimens of the woods. (Samples of these specimens 10c.)

"Exceedingly valuable for study." "I know of nothing so well calculated to make young people fall in love with trees." E. H. RUSSELL, Normal School, Worcester Mass.

PREPARATIONS OF WOODS FOR THE STEREOPTICON
PREPARATIONS OF WOODS FOR THE MICROSCOPE.
WOODEN CROSS-SECTION CARDS, of ivory-like smooth-

ness and perfectly adapted to printing (with type or steel plate), painting, India Ink, etc. Try them. (Samples free.)

VIEWS OF TYPICAL TREES, showing habits of growth of various species. Address
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(We have received the contract from the state of Kansas for five years.)

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(Used exclusively in the Public Schools of Chicago, Buffalo, and other large cities).

SCHOOL BOARDS are specially invited to correspond with us, and obtain our quotations on all needed supplies and apparatus before ordering elsewhere.

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J. M. OLCOTT & CO.,
Successors to W. A. OLMSTED.

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Crayon and Erasers.

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We are Dealers in Every-
thing for Schools.

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Send for "Library List" including several hundred standard works, offered in exchange for your superfluous school books.
Highest Prices Paid.
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Needed in every Home and School.
Never breaks the point. Preserves the softest lead. Saves its cost in the saving of lead. Cleanly, convenient, useful.
Made only by A. B. DICK COMPANY,
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By Etta Austin Blaisdell, Assistant Superintendent of Schools, Brockton, Mass.

- I. CHILD LIFE; A First Reader. Ready. 25 cents.
- II. CHILD LIFE in Tale and Fable; A Second Reader. Ready.
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The central idea of these books is to hold the child's interest by giving him reading-matter (profusely illustrated) that he can understand and enjoy. The First and Second Readers have easier reading-matter and more of it than do most of the other readers now available for first and second grades. The covers are of oil-cloth, and can be washed without injury.

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is on the way, prepared especially for High Schools and for preparatory schools generally. A First Latin Book ready soon. Send for announcement circulars.

Newest and Best Arithmetics.

The McLellan & Ames' arithmetics are soundest, most teachable, most practical. "Primary", 35 cents; "Public School", 60 cents each.

A. W. MACY,
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The "Pocket English Classics" for high schools are most convenient, most attractive, best every way. Price 25 cents each.

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"European History", G. B. Adams, treats general history from the European point of view, and so secures unity and continuity, as no other text has done. An institutional history. Bibliographies, references and illustrative material adapted to high school conditions. Price \$1.40.

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"An Introduction to the Study of Literature", E. H. Lewis, contains readings most interesting to young people, classified naturally, and gracefully woven together. Price \$1.00.

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There's nothing brighter or better than Mrs. Wilson's Nature Readers (stories, poems, myths) and U. S. History stories.

And These, of Course.

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McCLURG BUILDING,
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THE WORDS OF Abraham Lincoln.

Mailing price, 65c.

"Utterances of wonderful beauty and grandeur."—*Carl Schurz*.
"An inspiration to all who read them."
"The high-water mark of American oratory."

Models of English for Schools.

A Speller that Teaches Spelling—**POLLARD'S ADVANCED PELLER**, Cloth, 37c.

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"Which will cultivate the ear for the music of verse, and will stimulate the imagination."

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CLOTH, 252 pp., PRICE, \$1.50.

ISAAC PITMAN & SONS,
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Publishers of "Pitman's Practical French Grammar," 50 cents.

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No matter what text-book is being used, every teacher of English should avail himself of the material and suggestions of this book. Mailed on receipt of price, \$1.00.

Cloth, 476 pages, with full index and Synopses.

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PUBLISHERS,

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The Prang Elementary Course in Art Instruction.

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In a Twelve-Book Series,

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These Books have been prepared especially to meet the needs of towns where the time allowed for Drawing is closely limited, or where the help of a Supervisor of Drawing cannot be had, yet where there is a desire to put the work on the plane of the best in its line. They condense and simplify the most advanced thought and practice in Drawing and Color Work, and present only such lessons as can be worked out in brief time with limited materials and with little professional assistance and direction.

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A course which makes it possible for teachers of Ungraded Schools to give their pupils the same advantages in Drawing that are to be enjoyed in the largest City Schools, through the use of this Special Edition of the Prang course condensed into

One Drawing Book for Pupils, and
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The Prang Primary Course.

For First and Second Years as now published, is a preparation for all the New Courses above described.

For fuller information and for prices address

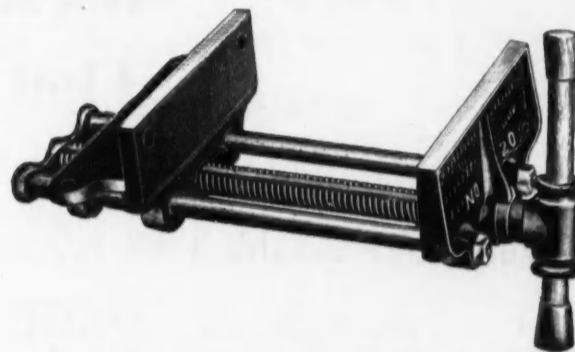
THE PRANG EDUCATIONAL CO.,

BOSTON,

NEW YORK.

CHICAGO,
151 Wabash Ave.

The Toles Rapid-Acting Wood-Workers Vise.



This illustration shows our Standard No. 20 Rapid Acting Vise. It has been time tried and tested, and has proved especially adapted for manual training work. We have furnished over 1500 for Chicago schools, and over 800 for New York City schools, and to other manual training schools, Universities, Colleges, Trade schools, etc., in all sections of the United States. This is a screw vise, has 10 inch jaws with 7-16 movement, and opens 12 inches. It is not the cheapest vise on the market in first cost, but is far the cheapest in the long run, and is therefore the best investment. It is necessary that a vise for manual training must work easily, and noiselessly and yet be constructed in such a manner and of such materials, that the students cannot get them out of order. Many attempts have been, and are being made, to palm off to schools, cheap cast iron vises, that operate with racks, cams, triggers, etc. We have letters from teachers who are inclined to condemn Rapid-Acting vises in general, because they have been deceived by these cheap devices. The vises we are furnishing to schools, are exactly the same as we are furnishing factories and mechanics, all over the world.

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The most notable publication of the time for teaching number.

Unique in plan—Modern in methods—Successful in use—The use of "Graded Lessons in Arithmetic" will develop in a special manner "Thought Power." Sample copies sent for fifteen cents each. Correspondence requested.

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A New Book for Little Folks.

Containing Six Instructive and Interesting Stories.

Sample copies sent postpaid on receipt of FIVE cents.

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MADE IN 4
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No. 1. Slant Script Headings, Double Ruled.

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FRANK V. IRISH, Columbus, O.

MARTIN G. BRUMBAUGH,

Professor of Pedagogy in the University of Pennsylvania,
has written for us

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(FIVE BOOKS.)

The Standard First Reader,

The Standard Second Reader,

The Standard Third Reader,

The Standard Fourth Reader,

The Standard Fifth Reader,

} Now Ready.

} In Press.

These books are based upon a clear understanding of child-wonder, child-intelligence, and child-development. They teach to read by reading. They stimulate the pupils' interest and do not depress it with the dullness of mechanical fads.

CHRISTOPHER SOWER COMPANY, Publishers,
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FOUR NEW BOOKS.

Love and Law in Child Training,

By MISS EMILIE POULSSON.

OUT OCTOBER 1st.

PRICE, CLOTH, \$1.00.

OUTLINE COURSE FOR KINDERGARTNERS.

Program for Five Weeks Work.

By MISS JENNY B. MERRILL.

NOW READY.

PRICE, PAPER, \$0.25.

STORY TELLING WITH THE SCISSORS,

By MISS M. HELEN BECKWITH.

NOW READY.

PRICE, BOARDS, \$0.50.

FOR GRACE AND PLEASURE.

Songs, Marches, Plays, Dances.

Arranged by MISS MARTHA McC. BARNES.

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ATLANTA.

515 Grand Building.

KANSAS CITY.

418 East Ninth St.

It's Knowing How That Counts.

It's knowing how that counts in making school furniture.

Our make wouldn't be holding the place they do if that quality wasn't back of it.

What do you suppose we've been doing this thirty years, growing from the very small beginning we did to the present enormous proportions, if we didn't "know how" to make good school furniture?

What is it to you?

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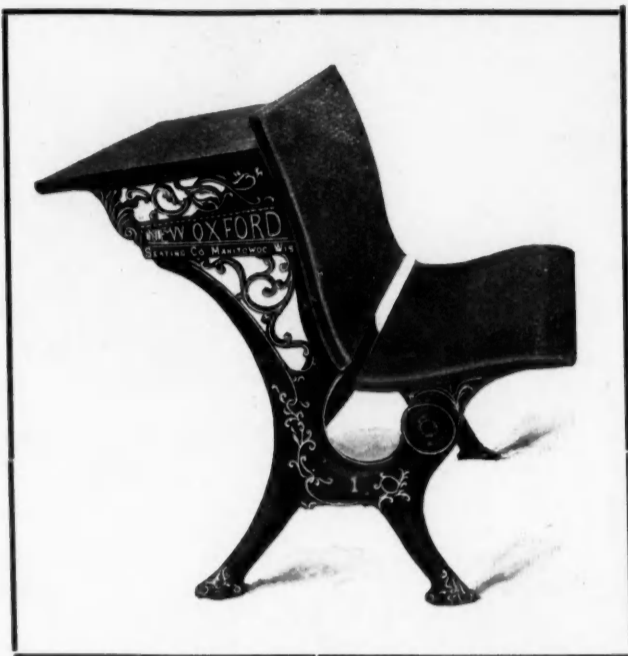
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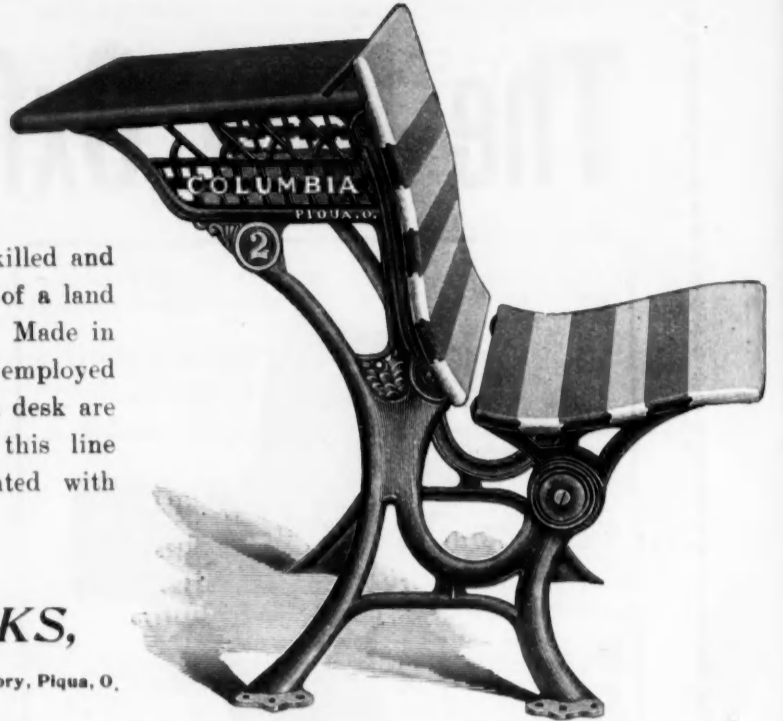
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| 6. High School, Moberly, Missouri. | | 17. New School, West Hartford, Conn. | |

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AN EDUCATIONAL POLICY FOR OUR FOREIGN POSSESSIONS.

"We, the people of the United States, agree that it is our burden to take up the education of the people of our new possessions. We must bestow upon them the products of civilized letters, industry and science. It is generally agreed that the school is to be the great feature of the American government of our new colonies. All their inhabitants must be educated and not merely the few. This education should enable the inhabitants to develop the resources of their islands.

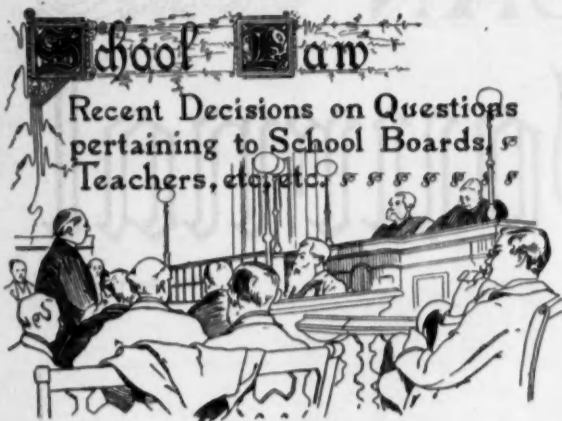
"The highest ideal of a civilization is that it should be engaged in elevating the lower classes into a participation into a good and reasonable and increasing self-activity. With this increase of self-activity there should come an increase in creature comfort and an increase in spiritual and mechanical intercommunication.

"If we cannot come in contact with lower races without exterminating them we must still be far down in the scale of civilization. We must set those races on the road to progress. We must emancipate them from ignorance. We must train them for productive industry. We must substitute a civilization of the printed page which governs by institutions rather than by authority.

"The United States should furnish a good school supervisor for each island with a capable corps of assistants. We should give them the benefit of what we have learned in the United States by many generations of experience in school administration. The charge for these supervisors should be against the general government, but it should be refunded from the revenues of the islands. With a minimum outlay good results may

be expected. It would not be wise to leave the administration of the schools in the hands of natives of the islands, because under such a system no change could be expected.

"Instruction should be given to the natives in English. Great care should be exercised in carrying this out. Teachers of English should be appointed who are thoroughly familiar with Spanish. Every school should be visited by such a teacher once a week and a model lesson in English given, this lesson to be repeated by the teachers for one hour each day. No more time than this should be devoted to instruction in English, else the people will become suspicious that it is the intention of the government to substitute English for Spanish, and grave difficulties would result.—Dr. Wm. T. Harris, U. S. Commissioner of Education.



Recent Decisions on Questions pertaining to School Boards, Teachers, etc., etc.

Claims Against Schools.

Claims against a school district must be first presented to the board of directors before suit can be maintained, where the petition founded on such a claim did not allege presentation, and plaintiff's evidence affirmatively showed that it was only proposed to arbitrate the claim, a verdict for the district should have been directed.—*Pierson v. Independent School District of Hawarden, Iowa.*

School Orders.

School orders to be signed first by at least three members of the district committee, and then by the county supervisor of schools, who shall place his seal upon it, without which no order shall be a valid voucher in the hands of the county treasurer, an order of the county board of education to the county treasurer to pay an order drawn by a district is a nullity, that board having no control over such orders.—*Wright v. Kinney, N. C.*

School Board Meetings.

The president and one member of the school board adjourned a meeting at a few minutes after the hour set for the meeting, though they knew that the other members were at the entrance of the building, prepared to attend, and as they passed out they notified the others of the adjournment, but the latter announced that the members were present and that a meeting would be held, and they proceeded to the hall and held the meeting. It was customary to assemble the meeting 15 to 30 minutes after the time set. *Held*, that, there being no evidence of a wrongful purpose, it did not justify the removal from office of the directors holding the meeting, conceding that under School Laws, the state superintendent could remove them for a willful violation or neglect of duty.—*People v. Skinner, N. Y.*

School Officers.

After fixing the time for the election of trustees in public school districts, provides that they shall serve for two years, and until their successors shall be elected or appointed; and article 3953a provides that, if no election is held, the county superintendent shall appoint the trustees for the term; and article 3999 provides that the trustees for a town incorporated for school purposes, "shall be elected in the same manner and at the same time," and their "term of office shall be the same as that of trustees of districts." *Held*, that the county superintendent cannot appoint trustees for such towns, where there is a failure to hold an election, since the provision as to his filling vacancies was not adopted as part of the latter chapter.—*Stewart v. Purvis, Texas.*

School Contracts.

A taxpayer, who has voluntarily paid taxes levied at the instance and for the benefit of one school district, cannot sue to compel the county treasurer to hold such taxes for the benefit of another school district.—*Fox v. Kountze, Neb.*

Bonds issued by school districts are not mortgages, notwithstanding the statutes make

the bonds a lien on the property of the inhabitants of the district, but are evidences of legal debts of the districts issuing them.—*McCully v. Board of Education, of Ridgefield, N. J.*

The law provides that where a borough is formed and set off from a township as a separate school district, and there is within the limits of the borough any school house belonging to the board of education of the township, for the erection of which there is an indebtedness for which said board is liable, the indebtedness shall become the obligation of the board of education of the borough, and that when the board of education of the township is compelled to pay, by suit and judgment at law, any portion of such indebtedness, the board of education of that borough shall repay it, with interest. *Held*, that the old board of education is primarily liable to a holder of such indebtedness.—*McCully v. Board of Education, N. J.*

Testator died May 12, 1896, having devised property to his son, who took possession of his estate June 1, following. On June 1, 1896, a school tax was levied for the school year beginning the first Monday of June. The basis of this levy was the triennial assessment of property made in 1894. *Held*, that the tax was a lien against testator's estate, by reason of his ownership of the property and its assessment in his name. *Pa.*

The duties of the county treasurer, as treasurer of the county funds, in paying out the school funds, being purely ministerial, he may be required to pay a voucher for a school liability created in a previous year, where duly approved by the county superintendent, since the latter officer has the implied power to approve such a voucher, in the exercise of his discretion in regard to the school funds, of which he regulates the payment.—*Culbertson v. Gilmer Bank, Texas.*

New Rules and Regulations.

San Francisco, Cal. The failure of any employe of the school department to pay his or her debts has been decided a ground for arbitrary dismissal. The marriage of a female teacher, it has been decreed, is equivalent to a resignation.

Little Rock, Ark. The board has decided to employ colored teachers only in the colored schools.

Lexington, Ky. A resolution adopted is to the effect that teachers now in office, who apply for re-election, shall be given the preference over all new applicants, unless intentionally dropped by the board for a clear deficiency according to the established standard.

Washington, N. J. The board believes in home rule. It has been decided in engaging teachers to show preference to residents, other things being equal.

Lynn, Mass. The wearing of short skirts must be discontinued by the women school teachers, and the men teachers must under no circumstances appear in the school house attired in knickerbockers and golf stockings. This is the edict of the school board.

Sioux Falls, S. D. The rule prohibiting married women from occupying positions as teachers has been abrogated.

Chicago, Ill. The rules of the board provide

for executive sessions only when the character of a teacher or other person is made a subject of consideration.

The minister of education of Saxony has decreed that all girls and young women in public schools and colleges must discard corsets.

Columbus, O. An established rule reads: "All teachers appointed may be discharged at any time for improper conduct, incompetency to teach or govern their schools, unfaithfulness in the performance of their duties, or the want of that success which is necessary to the progress of a school."

San Francisco, Cal. A resolution adopted declares that no excuse for absence from school with pay shall be granted to any principal or teacher unless by a special action of the board.

St. Paul, Minn. A new rule adopted regarding visiting days abolishes them except for some one teacher at a time, as the principal may recommend, and then it is to be spent learning method in other schools and the room is to be kept open.

Rules in Boston and Chicago order that children attending school who are not clean shall be sent home.

Brooklyn, N. Y. A rule in vogue is to the effect that pupils' seats shall not face the light.

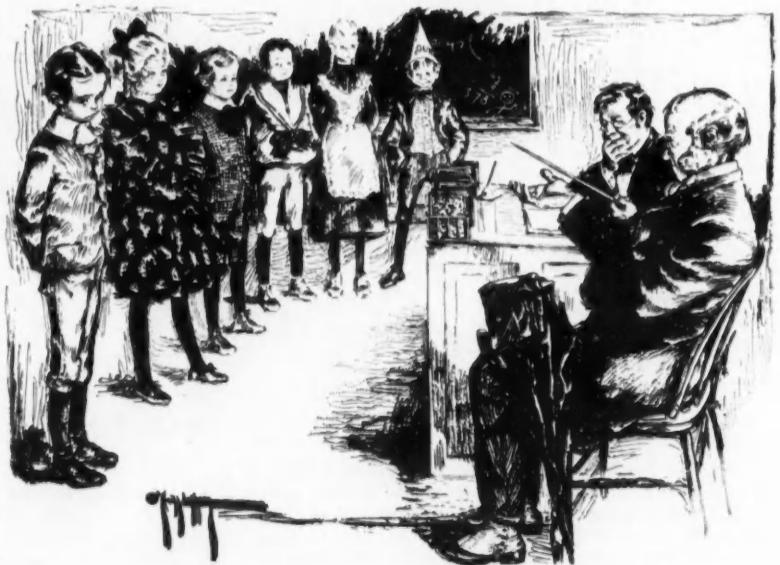
New York, N. Y. It is made the duty of each principal to reject all applications for the admission of pupils into any school room or class whenever the room occupied by the same is filled to the extent of its seating capacity.

Boston, Mass. An established rule reads: "Home lessons in arithmetic should be given out only in exceptional cases."

Chicago, Ill. The board has rescinded a resolution recently adopted requiring teachers to live within the city limits.

Cincinnati, O. A resolution adopted requires that principals and teachers pass all pupils to the next higher grade who attain a daily average of 70 per cent., without written examination.

Frankfort, Ind. The Fulton county board of education has resolved that no person under eighteen years of age and no one over forty years would be employed in the schools, and any teacher who is not in this limit will be dismissed from the service unless he has kept abreast with the educational ideas of the hour. It was also decided not to employ married women in the schools.



The Usual Way.

School Visitor—What a sad, serious and contemplative countenance that young genius has who stands at the head of the class!

Pedagogue—Yes; you see the dunce, who stands at the foot, won all his marbles away from him during recess.—Puck.

Quo Vadis School Boards.

ADDRESS BY WM. GEO. BRUCE, DELIVERED BEFORE
THE DEPARTMENT OF SCHOOL ADMINISTRATION OF
THE NATIONAL EDUCATIONAL ASSOCIATION,
LOS ANGELES.

The general progress which has manifested itself in all lines of human activity has touched the management of our educational affairs with equal force. While it may be said that all advancement must have its impetus in knowledge—and knowledge its source in education—we differentiate here education in the abstract from a system or machinery, for its application or distribution. This system has kept fully abreast with the educational progress of the day, and the machinery, which was once crude and clumsy, has grown into an intricate piece of mechanism. The principles which serve as its motive power have always been the same.

The school board of the present day is, however, a different affair from the school board of even a quarter of a century ago. The simple course of study, the limited list of books and the meagre school supplies left little for the old-time school board to look after. The amplification of studies, the increased size and number of school buildings, together with the requirements of a modern school house, make greater demands upon a school board.

These demands are met by men who are equal to the task. The rough and unlettered citizens who served upon the old school board have gradually been displaced by the business and professional men in every community. The farmer as well as the mechanic who may hold a membership in a school board is fully equipped to meet the obligation of a new condition. For all that has been accomplished we should feel truly grateful. The thousands who have served on boards of education have contributed their share towards the great progress made. Without them little could have been accomplished.

The establishment of our public school system brought into life the first school board. The latter was necessary for the life of the former.

The very nature of our form of government called for a system of school government which brought the schools as near the people as possible. The foundation of the republic rested then, as it does now, upon the public school system. It involved not merely the education of the people, but an inculcation of the spirit of democracy. This spirit found its profoundest expression in its school system, and was typified in the real conservator of the schools, the school board, a body created of the people for the government of a school system, by the people and for the people. The very fact that the people had the management under their control served as an impetus towards enlightenment and freedom. A centralized or paternal form of school management would have been fatal to the cause. A radical change would have come over the spirit of our institutions. Plutocracy rather than democracy would have been the result. But the school board proved to be the real hand that rocked the cradle of democracy. It watched unceasingly the interests of the public school system which has proven itself the bulwark of a republic. So much for the introduction, at least, of my discussion.

I have thus far merely aimed to lend the subject a background which shall show the spirit which its founders breathed into our school system, the fundamental principles which have so successfully governed them.

I mean now to contrast some of the modern tendencies in school government with the well-established doctrines which have stood the test of time so well—tendencies which not only weaken and divert, but antagonize its very ex-

istence. That these tendencies should creep into the management of our educational affairs, that centralization and paternalism should even find recognition at the hands of progressive members of boards of education, may be difficult to understand.

In this age of feverish haste it may not be surprising that we should move, temporarily at least, in wrong directions, that we leap into new departures before we have foreseen their ultimate effect. But the paternalist, the autocrat, is abroad in school affairs as well as elsewhere. He seeks centralization of power, of monopoly in the management of our educational affairs, with the same avidity that he combines commercial interests. A one-man power is his ultimate aim.

One form of this modern tendency finds expression in the disposition of educators to question the right of school boards to have any jurisdiction over the education of the child. Supt. Jones, of Cleveland, recently voiced the sentiment of educators when he challenged the right of any one not a specially trained teacher of the highest attainments, to plan or criticize a course of study for our public schools. Not even the school board is to have a voice in the matter.

The answer to this proposition is well put by Mr. Backus, a member of the Cleveland school board. He said:

"I take issue with the superintendent; I believe that the men and women in active business and professional life, the people who come into daily contact with the different phases of our business and social and political existence, are especially fitted to judge and determine what should be taught in our schools to meet the modern requirements of citizenship. This most certainly was the thought of the legislature of the state when it enacted the law directing the members of the board of education—who are the direct representatives of the people—to determine, by a majority vote of all members elected, the studies to be pursued and what text books shall be used in the schools under their control. It is within the province of the superintendent to determine how a subject is to be taught, but it should, and must, remain the duty of the school board to say what shall be taught."

Another proposition that reveals a modern tendency emanates from Supt. Andrews, of Chicago, who arrogates to himself the sole right to select and appoint teachers. Here, too, school boards are to have no voice in the matter. Let me give you the answer to this form of centralized power in the language of Mrs. Wiles, who spoke before the national convention of school boards in 1897. She said:

"If boards cannot judge of the qualifications of teachers, how are they to judge whether the superintendent appoints, promotes and dismisses on merit alone, and whether he is himself a capable and inspiring leader of teachers? If boards know nothing of text books and courses of study, how are they to judge whether the superintendent chooses wisely? The fact is, the board (or at least some members) must know something of all these things, or fail in its duty. Otherwise it is at the mercy of a superintendent, who may work simply to please parents and teachers, and succeeding in that, may draw his salary year after year, and the schools grow poorer and poorer, with no one to say 'nay.'"

If a school board is incapable of ratifying the appointment of a third grade teacher, how in the name of common sense can it ever be entrusted with the appointment of a superintendent?

It is by no means argued that the superintendent is not to have a voice in all matters touching upon the professional side of school work, or even the greater power in this direction, as I shall demonstrate.

The progress in school government includes,

no doubt, a clearer understanding between the board and its superintendent, a more definite division of duties and responsibilities, as well as a more clearly defined relationship.

The causes which bring into life these small reform school boards may in every instance be traced to the misdeeds of a larger predecessor. The good public and the press, at the sound of an internal school board rupture, determine that the size, rather than the mode and manner of a board's creation, is at the bottom of its weaknesses. The capacity of the individual members and the representative character of the organization become less of a factor in a reform movement than the numerical proportion. A smaller body is legislated into life, the representative feature is overlooked, and an aristocratic school board is entrusted with the care of the schools. The elimination of the representative feature is presumably made up in the character of the newly appointed.

Men who stand highest in commercial and professional circles ought to make the best material for a school board. The proposition naturally appeals to one's reason, but the selection of any one distinctive class offers some serious objection. True, a school board should be made up of men who have a good standing in the community, but also of men who possess in a high degree that interest in the educational welfare of the rising generation, an interest that will prompt them to give their best service. A great lawyer or a wealthy banker may be a failure as a school board member. A lack of time and inclination to the work may unfit him. The indolent or indifferent man is certainly undesirable, but equally so is the man who is too busy—the man who cannot or will not give the requisite time. In fact, men of this class have oftentimes undervalued the dignity, the importance, or the duties of their position. They had to be urged, in the first place, to accept, and felt somewhat above the place while serving. While you may hold this to be the exception, I have found it, in the larger cities at least, to be more than a mere exception.

Furthermore, these men do not, as a rule, give the requisite time to do justice to their position. It is oftentimes said that it takes a busy man to find time for school board duties. I grant this. But many of our professional and business men who accept school board honors do not, because they are too busy, give the time and attention necessary. They are unable, although in attendance at regular board meetings, to give that thought, that deep interest which makes a draft upon them, by attending committee meetings, and which is so essential to the successful administration of school affairs. This sort of school member necessarily becomes an exclusive personage. The great pressure upon his time, the multiplicity of affairs with which he deals, and in which school board matters, from his standpoint, are classed as insignificant trifles, render him at once an autocrat as far as his relations with the school system and the public are concerned.

I have in mind here a city school board made up of the cream of commercial and professional men. Its leading members cannot be seen upon school matters except at committee meetings. A visit to the office of the president in a high office building, will find you confronted with a polite clerk who will deliver your card to the great man who is hid in the inner recesses of his private sanctum. You wait at the outer portals of this temple until the clerk returns to tell you that school matters cannot be discussed by his chief. The very nature of your business will exclude you from the great man's presence.

Here I hold that the man who holds membership in a school board owes a certain amount of

(Continued on page 15.)

A Successful Convention.

THE NATIONAL MEETING OF SCHOOL BOARDS AT LOS ANGELES, CAL.

What threatened at first to turn into a slimly attended meeting became a splendid gathering. Standing room only was the watchword. The unavoidable absence of several speakers rendered it advisable to merge the two sessions into one. Owing to the absence of President Bradt, it became the duty of the secretary to open the meeting.

On motion of Chas. Cassat Davis, of Los Angeles, seconded by several members, Mr. E. E. Barthell, of Nashville, Tenn., was elected chairman. Mr. Barthell proved a splendid presiding officer. He entered heartily into the discussions and proved himself an experienced as well as able school board member.

Eric Edward Rosling, Esq., of Tacoma, Wash., read the first paper. It was entitled, "The Employment and Dismissal of Teachers." This paper will be published in full in the columns of this journal.

Mr. Sam F. Smith, of Santiago, Cal., in reply to the paper, held that teachers can only be properly selected by a six months' trial. He believed that the superintendent should be entrusted with the appointment of teachers.

Mr. E. Morris Cox took the position that school boards should fix a standard for teachers and then pay a salary to secure them.

The discussion then became animated. A number of the teachers of the Chicago Federation objected strenuously to the "one-man power" in the appointment and dismissal of teachers.

Wm. Geo. Bruce then read a paper entitled, "Quo Vadis, School Boards?" which appears on another page in this journal.

This was followed by a paper read by Dr. Ella Fifield, of Tacoma, Wash., entitled, "The School Board and the Press." The gentleman assigned to this paper was unable to be present, and Mrs. Fifield had hastily prepared herself to read a paper on the subject. The paper will appear in this journal.

Chairman Barthell spoke briefly in review of the papers read; also upon the quality of school board membership, the appointment and dismissal of teachers, salaries, etc.

The committee on nominations, consisting of Chas. Cassat Davis, P. D. Cooney and Wm. Geo. Bruce, then reported the following officers for the ensuing year:

President—E. E. Barthell, Nashville, Tenn.

First Vice-President—Thos. M. Gaffney, Syracuse, N. Y.

Second Vice-President—W. J. Washburn, Los Angeles, Cal.

Third Vice-President—Edw. F. Bradt, Ishpeming, Mich.

Secretary—Wm. Geo. Bruce, Milwaukee, Wis.

Executive Committee—Chairman, Chas. Cassat Davis, Los Angeles, Cal.; Lyman Evans,



THOS. F. GAFFNEY,
First Vice-President,
Syracuse, N. Y.



CHAS. CASSAT DAVIS,
Chairman Executive Committee,
Los Angeles.



EDW. E. BARTHELL,
President Elect, Department of School
Administration, N. E. A.

Esq., Riverside, Cal.; Wm. S. Mack, Aurora, Ill.; R. L. Yeager, Kansas City, Mo.; E. B. Kruttschnitt, New Orleans, La.

Upon motion the report was adopted and the officers declared elected.

There being no further business, the meeting adjourned *sine die*.

The Contest of Cities.

The contest of the various cities bidding for the N. E. A. convention for 1900 was spirited. Charleston, S. C., made the best fight. Prof. W. K. Tate championed the cause of the southern city in an enthusiastic manner. A. E. Winship spoke for Boston. The supporters of Montreal scattered some advertising, but failed finally to extend an invitation. The vote in the board of directors for the choice of cities was as follows: Charleston, 22; Boston, 11; Cincinnati, 2; Montreal, 1; Asbury Park, 1; scattering, 3.

It will now remain with the executive committee to make the final choice, which will depend largely upon the terms that can be secured from the railroads.

Educational Exhibit.

The exhibitors of books and appliances were once more disappointed. The hall assigned to them was somewhat out of the line of travel of the teachers. It should have been located near the railway and membership headquarters. The hall which adjoined this headquarters was occupied by the various railway and land agents, who distributed advertising matter by the ton. It does seem that the time has come when educational exhibits should be considered a part of the N. E. A. Let us see what the next city will do for the exhibitors.

Among the publishers who were represented was the firm of D. C. Heath & Co. Mr. C. H. Ames, of Boston, a member of the firm, was on hand to meet visitors. He was assisted by Caspar W. Hodgson, the firm's agent for California, Oregon, Washington, Idaho, Nevada and Arizona. Mr. Hodgson enjoys the distinction of having a larger field than any other bookman in the United States. It is said of him that he is fully equal to the occasion. The Pacific Coast field entails long stretches of travel, but Hodgson is young and strong, and capable of meeting all the conditions which confront him.

The exhibit of Ginn & Co. was one of the most conspicuous. It was in charge of S. C. Smith, whose headquarters are located at 325 Sansome street, San Francisco. This headquarters is in charge of Mr. F. B. Ginn, one of the members of the firm, and a veteran bookman. Mr. Smith was connected with the firm's Boston office until a year ago, when he came to the Pacific Coast. He is a graduate of Dartmouth, as are many of the Ginn men. In September he will go East to spend a well-earned vacation.

Silver, Burdett & Co. was represented by a

fine display of books. Mr. A. A. Silver superintended the exhibit, with assistants in charge.

The Macmillan Co. was represented by E. F. Goodyear in charge of the company's well-known books. Mr. Goodyear is a native of Iowa, who came west when a boy. He is a typical Californian and a good bookman.

The new firm of Sibley & Ducker was represented with its meritorious books. It was regretted that the members of the firm were not on hand. C. A. Sibley, the senior member of the firm, is well known in the North Central states, where his lean and lank figure and his Abraham Lincoln-like humor and philosophy have rendered him a welcome guest. Mr. Sibley is now in Boston, where the firm's home supply office is located.

Benj. H. Sanborn & Co., of Boston, displayed their well-known books. Mr. Sanborn, the genial head of the firm, was expected. He did not make his appearance, however, and it was thought that he had started, but got lost on the way. This surmise was warranted by the fact that Mr. Sanborn has on former occasions manifested a propensity to get off his train during stops at stations and engage in sightseeing.

A. Flanagan's stock of books were handsomely displayed. He was not on-hand himself. His double, Mr. Elmer E. Brown, however, was.

The Educational Publishing Co. was well represented by E. S. Smith, a bright and energetic bookman.

The Werner School Book Co. was on hand with sample copies of its fine list of books. The display was a good one.

The educational department of Rand, McNally & Co. was in evidence with a large stock of books. E. E. Smith, the manager, was here himself. The firm's stock of school supplies was shown.

Whitaker & Ray of San Francisco, Ellis Publishing Co. of Battle Creek, Mich., C. W. Bardeen and A. W. Mumford, were represented with their publications.

The Milton-Bradley Co.'s display of kindergarten supplies was in charge of Lazarus & Melzer of San Francisco. The genial Will Tapley, manager of the Milton-Bradley Co., Springfield, did not arrive, as was expected. H. O. Palen, the company's general agent, was, however, on hand. Mr. Palen was on the train which was wrecked. He escaped unhurt.

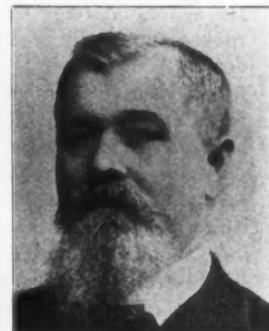
The Perry Picture Co., of Malden, Mass., was effectively represented with a fine stock of goods and two most agreeable and energetic young people. These were W. C. Twiss, of Los Angeles, and his sister, Miss Ada Twiss. The display was nicely arranged, covering the walls and several tables.

The Remington typewriter people did a graceful act. They supplied, gratis, the use of their machines, as well as operators, to the association. The work was in charge of E. W. Pease, the resident manager. Among the operators

(Continued on Subsequent Page.)



E. B. KRUTTSCHNITT,
Mem. Executive Committee,
New Orleans.



JUDGE R. L. YEAGER,
Mem. Executive Committee,
Kansas City.

The One-Man Power.

The schools of Cincinnati are at present without an active executive head, because Supt. W. H. Morgan is lying at his home a victim of paralysis. The affection is of the left side, and while the left arm, or hand, rather, responds slightly, the lower limb does not, and the general opinion is that a new superintendent will be chosen in August.

The misfortune that befell Supt. Morgan can be traced directly to the attempts he made to carry out the wishes of his board, and at the same time his own. It was the "one-man power" with a vengeance. For the entire ten years of his time Supt. Morgan has had a harmonious board. At no time was there a jar. He did as the board directed, and the board did as he directed. Both sides played into the hands of the other and harmony ruled supreme. Tangled questions arose and were settled. Peremptorily it may be, but satisfactory to the superintendent and his board. Under the Ohio law the superintendent, ten years ago, had the power to dismiss. Supt. Morgan had the law amended so that when a teacher was dismissed for cause, a committee of five acted with the superintendent and saw that an appeal could be taken from the judgment of the superintendent.

Recently, under this law, a teacher took an appeal. Four meetings of the committee were held and the charges made were vigorously assailed. The accused claimed complete vindication, but a unanimous committee upheld the superintendent in his suspension of the said teacher. The upshot of the investigation was that the teacher was dismissed from the service—the board again being unanimous.

Ten minutes before the vote of dismissal was taken a member of the board was making a speech, arguing against what seemed to him as undue haste. Supt. Morgan sprang to his feet and made a gesture as if to interrupt the speaker when he collapsed and fell over. What he intended to say no one will ever know. Members of the board helped him to his private office, and a twenty-day stay at the hospital followed. Then came removal to his home. This was six weeks ago, and now the word is out that there is a vacancy.

"For the sake of Supt. Morgan, we will not be hasty in electing his successor," said a member of the board to the writer.

Here is what Dr. Allen, the physician in the case, says: "Supt. Morgan has been under too great a strain ever since he has been in office. It is too much of a load for one man to carry, to try to run the schools. There should be a division of the responsibility. I trace this stroke of paralysis directly to the worry of the superintendent, and the climax was the Shotwell investigation that hastened the end. Mr. Morgan is an energetic man, but no man should be put under such a strain."

Aside from the above, here is a statement made by one of the teachers on hearing the result of the recent investigation:

"I wish our Cincinnati teachers had the strength and nerve of the Chicago teachers, and would rise up in their might and smite this one-man power. It is killing us. We are dying by inches because our fate is in the hands of one man, and the appeal is only a farce. The dismissal of Shotwell seals forever the lips of the teachers of this city. Not one dares utter a sentiment, for off goes the head."

In the recent investigation a coterie of politicians overcame the scruples of the superintendent. On his sick-bed he acknowledged to a member of the board that he wished he had never touched the Shotwell case, as "it was all wrong."

In spite of this sentiment, the pressure was so strong that the superintendent was compelled

to exercise his authority and dismiss a teacher because the politicians told him to. This caused the fight to center upon the superintendent, while the strain of making good a charge and protecting himself was so great that he succumbed, and now years of pain and sickness are his. He exercised the "one-man power"—but at what a cost.

Strange as it may seem, the teacher dismissed, when a newspaper man seven years ago, attacked this one-man power, and now is the victim of it. It is needless to add that he is more opposed to the monarchical form of governing the schools now than he was seven years ago. It might be stated that never has Supt. Morgan been free from attacks because he exercised the rights the law clearly gave him. It is not the man, but the system that needs the attack.

JOHN B. SHOTWELL.

Text Book News.

D. Appleton & Co. are about to issue a library of the inside history of the great events in Germany, England, France, Russia, Egypt, Austria, Switzerland, Holland and Prussia during the last two centuries.

While these books are purely historical, they are written in the style of romance and intensely interesting, giving as they do an insight into the secret court intrigues and showing the motives which inspired the actions of the great personages about whom historical facts revolve. They are designed to be read by youth and adult.

The undertaking of the work was inspired by the fact that the United States and European nations are being drawn closer together each year.

Lee & Shepard, publishers, Boston, inform us of their removal from No. 10 Milk street to No. 202 Devonshire street, near Franklin street. They much regret to leave the familiar place "next the Old South Meeting House," after being there during the last fourteen of the thirty-eight years that have elapsed since the establishment of the house of Lee & Shepard, but an enlarging business demands more convenient and attractive quarters, which they have been so fortunate as to secure at a short distance from the former location. Here, aided by improved facilities, every effort is to be made to serve in a fully satisfactory manner all with whom they have dealings.

Boston, Mass. The school board has declined to admit certain editions of the works of Ovid to be used in the schools because they contain pictures of the Greek heroes in the nude.

Taunton, Mass. The Prang system of drawing is used in the schools.

New London, Wis. The board has provided the schools with Johnson's cyclopædia.

Summit, N. J. The high school has been enriched by a set of Prang's new art books for class work and subjects of art authorities for reference.

Ginn & Co. secure the largest contract to furnish school books for the state of Tennessee.

Irish's "Orthog. and Orthöpy" is being used in a large number of teachers' institutes and summer normals this summer.

Topeka, Kan. Attorney-General Godard has ruled that the text book law enacted last winter does not compel book companies to accept second-hand books in exchange for new ones. This law, enacted two years ago, contained a provision compelling the companies to accept old books in exchange. The failure to insert this provision in the new law will cost the school children of Kansas thousands of dollars.

Irish's "American and British Authors" has recently been adopted for use in the summer normal at St. Louisville, O.

New Adoptions.

Minneapolis, Minn. In graded schools—Hiawatha primer; readers, Stepping Stones to Literature; supplementary readers, Baldwin; word lessons, Reed, Wheeler's Language; primary United States history, Eggleston; advanced United States history, Gordy, Fiske, McMaster, Scudder; Frye's Elements of Geography, Frye's Complete Geography; primary arithmetic, Werner; advanced arithmetic, Werner; English history (left open); music, Modern series, Scott & Foresman; drawing, the Prang system.

In High Schools—English literature, Pan-cost; Latin grammar, Harkness; Beginners' Latin book, Collar and Daniel; Caesar, Harkness; Cicero, Harkness; Virgil, Greenough and Kittredge; algebra, Hull; geometry, Phillips and Fisher; chemistry, Newth; physics, Carhart and Chute; zoology, Beddard; political economy, Laughlin; general history, Meyers; Europe in the Nineteenth Century, Judson; United States history, Channing; civil government, Willoughby; physical geography, Davis; astronomy, Young; botany, Atkinson; German grammar, Thomas; French grammar, Chardinal.

Hazleton, Pa. Natural system of vertical writing.

Worcester, Mass. Prang elementary drawing course books.

Boston, Mass. Prang elementary drawing course.

Columbus, O. Silver-Burdett system of vertical writing.

Boston, Mass. American system of music, by Zuchtman, published by the King-Richardson Publishing Co.

San Francisco, Cal. Prang elementary drawing course.

Worcester, Mass. Prang drawing system.

Ashmore, Ill. Cyr's readers, Montgomery's history and Frye's geography.

Wheeling, W. Va. Pitman's system of stenography.

Albuquerque, N. M. The territorial board of education has adopted the Spencerian and National system of penmanship; Reed & Kellogg's series of text books on English grammar and composition; Judson's Young American; Montgomery's bookkeeping; Tracey's physiology, and Braver & Redhall's Songs of the Year.

Tolna, Pa. The Shrewsbury township board of education has adopted Brooks' normal standard arithmetics, Rand-McNally primer, and Cutter's physiology.

Aurora, Ill. Channing's student's history, Harris' German reader, and Greenough & Kittredge's Virgil.

Hedrick, Ia. Baldwin's first, second and third readers, Prince's first and second number books, Maxwell's first book in English, Appleton's lessons in geography for little learners, natural geography series, and Overton's applied physiology.

Decatur, Ill. Overton's physiology, Lewis' first book in writing English, and Werner arithmetics.

New Haven, Conn. Orr's geometry.

Altoona, Pa. Rensen's chemistry, Morris' new history of the United States, and the natural music system.

Council Bluffs, Ia. The Werner arithmetics, Parkersburg, W. Va. Wentworth's revised geometry, and Gage's revised physics.

St. Joseph, Mo. Wentworth's new school algebra, and Williams' elements of chemistry.

New Haven, Conn. Orr's geometry.

Chicago, Ill. Wheeler's graded studies in English.

Milwaukee. Bailey-Wiener primary arithmetics, Williams' choice literature for sixth reader, Wells' algebra for high school.

School House Heating, Lighting and Ventilation.

Paper Prepared by Thos. J. Welsh, Architect to the San Francisco Board of Education, at the Request of the Hon. P. A. Bergerot, President of the Board, and Read Before the Department of School Administration, N. E. A., Los Angeles, Cal.

The writer states at the outset that this paper is not intended to be an exhaustive treatise upon the subject, as such would be impossible within its limited space, but rather a record of facts that have come under his notice during a long experience as school architect.

As the prominent writers and thinkers of the day hold that the family is the foundation of good government, and as upon the health of the boys and girls attending our schools depends our future citizens, it is impossible to overestimate the importance of the subject under discussion.

While text books have been revised and methods of teaching improved with most beneficial results, so far as mental training is concerned; and in the last few years well developed systems of physical training introduced, still there is much to be done in the improvements of our school houses. The ideal school house of today must not only be architecturally beautiful and adorned with pictures and statues to train the moral senses, but the seats and desks must be well spaced, the rooms must be well proportioned, and a comfortable temperature maintained at all times, and, most vital of all, the sanitation must be the very best, for on the health of the children is to be built their own education and the health of the generations to follow.

It is generally admitted that the most improved methods of education and the most complete physical training will avail nothing if good ventilation is neglected.

The breathing of impure air results in the dulling of the vital fires of the body and the keen edge of the intellect, and in lowering the vitality of the children thus rendering them more susceptible to disease.

Because vitiated air is not instantaneous in its action, its harmful effects are less easily realized and it is only after the observation of months that one sees the slow but certain result in throat and lung troubles and loss of energy.

Health, morals and the intellectual progress of the children as well as the success of the teachers, are immensely influenced for good by a proper sanitary condition of school life.

It is a fact, that, in the children's hospitals, the death rate has been reduced from 50 to 5 per cent., and in surgical ward from 44 to 13 per cent., chiefly as the result of effective ventilation.

In many of the schools of our most progressive communities, carbonic acid gas has been found in proportion varying from 30 to 50 parts in 10,000 parts of air, while from 15 to 30 parts has been the rule, rather than the exception, where the requirements of proper ventilation have not been considered. Is it any wonder then that the pupils are listless and irritable, that their natural comprehension is dulled and that the spread of contagious diseases is so rapid and disastrous.

The degree of ventilation to be secured in our public schools is largely a question of expediency, a supply of 50 cubic feet per minute while desirable is difficult to obtain. As a consequence 30 feet per minute, per head, is generally named, and this amount at least should be provided for every pupil regardless of age.

The requirements of good ventilation being understood, the choice of the best means for carrying out such requirements presents itself.

Natural agencies have usually been first called upon; but it will be admitted that all systems of so-called "natural ventilation" have proved themselves inadequate to fulfill all requirements. Excellent results may continue for a number of days during the employment of a method of ventilation dependent upon natural agencies, but a change in the temperature or humidity or in the direction and force of the wind may exactly reverse the action of the system and flues which were designed to introduce fresh air will be found actionless, while foul air ducts may be bringing foul air from other rooms. For school rooms such arrangements are entirely inadequate and above all are not to be relied upon. A somewhat more effective result may be obtained by warming the air in the vent flues. Gas jets and smoke pipes are used for this purpose, but the method measured by the results is expensive.

The one absolutely certain means of ventilation is by forced circulation by means of a fan or blower and the whole matter can be expressed in the words of the late Robert Briggs, a man of large experience in ventilation and heating.

It will not be attempted at this time to argue fully the advantages of the method of supplying air for ventilation by impulse through mechanical means the superiority of forced ventilation as it is called. This mooted question will be found to have been discussed, argued, and combatted on all sides, and in numerous publications, but the conclusion of all is that if air is wanted at any particular place, at any particular time, it must be put there, not allowed to go. Other methods will give results at certain times or seasons, or under certain conditions. One method will work perfectly with certain differences of internal or external temperatures, while another method succeeds only when other differences exist. One method reaches to relative success whether a wind can render a cowl efficient, another system remains perfect as a system if no malicious person opens a door or window. No other method than that of impelling air by direct means with a fan is equally independent of accidental and natural conditions, equally efficient for a desired result or equally controllable to suit the demands of those who are ventilated.

In proceeding to consider the heating of schools it is impossible to treat it as a separate branch; for experience has shown that a system of ventilation can be more successfully operated when combined with the heating system, than when it is attempted to apply each independently.

In the progress of civilization, fireplaces, stoves and furnaces have, in the order named, been introduced as means of warming, and while found to work well in small rooms, are not satisfactory where larger areas require warming, in fact the use of warm air furnaces in schools has been found, in many cases, undesirable, owing to the fact that the air, after being brought in contact with a metallic heating

surface, is vitiated and its natural humidity destroyed, and pernicious gases are generally discharged into the room under the name of fresh warm air.

Following this is the system of direct radiation where coils or radiators are placed in rooms to be heated and supplied with steam or hot water, but seldom with any provision for the introduction of fresh air.

By the indirect method of placing the heating surface in ducts connecting with the rooms and permitting fresh outdoor air to pass across said surface, a much nearer approach is made to good ventilation; but still it is practically impossible by such means alone to produce the air flow and maintain the temperature necessary for a large and crowded apartment, and it is evident that some mechanical means must be employed to render such systems reliable at all times.

It is impossible in a short paper to enter into the merits and demerits of the various systems, besides being out of our province; but briefly to summarize some of the requirements of a perfect system of ventilation and heating as follows:

Through distribution of uniformly warmed air so that no two places in the same room at desk level show a difference of more than 3 degrees Fahr.

No current of air having a velocity of more than three feet per second to come in contact with the body.

Absolute control over the quality and quantity of air admitted.

Adaptability and convenience.

Efficiency and economy.

Unnecessary friction in ducts by T branches and sudden turns to be avoided.

A mean temperature of 70 Fahr. to be maintained, irrespective of outside conditions.

System to supply thirty feet of air per minute for each child, and to take the foul air out without opening doors or windows.

If these requirements were insisted upon in the construction and fitting up of our new school houses the results must rapidly show in decreased sickness and increased mental activity both to teachers and pupils.

To proceed to the third portion of our subject, viz., the lighting of school buildings, brings us at once to one of the most important phases of school construction.

In planning a school building, the first thought should be the class rooms, how they can be placed to get the best possible light and sun. In our California climate sunlight is a necessity, and hence all class rooms should have a southerly or easterly exposure. Next to be considered is the size and proportions of the rooms. Authorities agree that the rooms should be oblong and lighted on the long side, the proportions being as 3 to 4, and the actual sizes about 24x32 feet, and 14 feet high. Class rooms at the most should not contain more than fifty pupils, and this size gives fifteen feet of floor space with about 214 cubic feet of air space. The windows should equal at least one-fifth of the floor area, and should extend from four feet above floor to the ceiling, and should be spaced out equally and not grouped.

In lighting the maximum light should come from the left side of the pupils, and it should be borne in mind that there never can be too much light in a class room; some authorities recommend that the most effective means of lighting class rooms would be to practically fill one entire side with glass.

In Germany and in Switzerland lighting on one side is the rule, and in France lighting through the wall opposite the teacher is expressly forbidden.

In France also the window jambs and heads

are beveled to admit more light. The tops of all sashes should be square, as the most effective light is admitted from the top of the window. Shades should be provided, two to each window, one hung at the top and one at the bottom, or sliding blinds may be used, but they should be arranged to slide down below the window sill.

No mouldings or cornices should be used, and the angles of walls and ceilings rounded, and all should be tinted in soft colors.

These are some of the requirements in lighting a model school house, and were they complied with, could not fail to be an improvement in the health of the pupils and a decrease in the cases of myopisy. Unfortunately, in many of our school houses the pupils have to study under the most adverse conditions, cross lights and glaring white walls, low stories and insufficient window space. In some cases where more window space cannot be obtained the existing light may be improved by the use of ribbed or prismatic glass, which is found of great service in diffusing light.

Although, perhaps, I am going beyond the subject, I feel the paper would not be complete without briefly summarizing the requirements of a model school house.

1st. The selection of a lot, a matter in which expert opinion should be consulted; as often, with the best intentions, unsuitable lots, requiring large expenditure in bulkheading, are purchased.

2d. All class rooms should face south or east, and all light should be admitted from over the left side of pupils.

3d. Window space should equal one-fifth of floor space, fifteen feet of floor space to each pupil and about 250 cubic feet of air space.

4th. Each class room to have a cupboard and receptacle for books and charts.

5th. A complete telephone system from principal's office to all class rooms.

6th. Stairs wide and with low rise and no winders, and fire-proof.

7th. Wardrobes convenient to each class room.

8th. Well-lighted basement; both basement and yard laid with bitumen.

9th. An efficient system of ventilating, and all walls tinted into soft colors.

I cannot do better than complete our paper with an article from the pen of Dr. Stewart, of New York, headed "Unsanitary Schools and Public Indifference."

"If one question should be of surpassing interest to every person, that question should be public schools; for two reasons—1st, because the children attending are the children of the people; 2d, the schools are making citizens of the future, and the influences of the buildings on the physique, and the teacher on the mind, are apt to be underestimated. We rely too much on home training; important as this is, it must be borne in mind that many of our city children have no home life whatever, and others would be better without such as they have; taken at its best, the home chiefly teaches the private conduct of the parents, but the school gives the young child's mind its first experience of the dealing of the individual with masses, which we adults call citizenship.

The child may be monarch in some homes; but in the school he finds himself a subject with very serious responsibilities. Though this fundamental change may be going on all about us; though future characters are being made or marred by thousands every day; though the next generation of New Yorkers are being made near-sighted, deaf, crooked, and hysterical, and though they are compelled to inflate their lungs with a germ-laden atmosphere redolent with emanations from soiled clothing, stables and unsanitary plumbing, yet the absence of interested and protesting spectators is solemnly im-

pressive; it would seem as if no father has sufficient forethought to personally inspect his offspring's surroundings and tuition; for I have examined the principal's register in many schools, over long periods, and have found scarcely a single name recorded, excepting, of course, the trustee's signature, though sometimes not even this.

Principals and teachers are uniformly cordial, and complain of the coldness and indifference of the public. It does seem as if many abuses are fostered by the secrecy possible when none of the multitude who daily pass the doors ever turns aside and enters. I am sure that if people would examine for themselves, every man and woman would be honestly indignant to find that his or her children are compelled to pass six hours a day in such wretched places for the body and under such dwarfing influences for the mind. One would think that any human being would be roused to a righteous and ungovernable resentment when he saw his own flesh and blood abused; but, verily, the depth of patience possessed by New Yorkers is inscrutable."

Special Studies.

Indiana. By an act of the last legislature the study of literature is added to the curriculum of the common schools.

Atlanta, Ga. The board of education has determined to introduce manual training in the schools. The plan provides:

First. For an instructor in drawing to have charge of manual training in the primary grades. The work of this instructor will not be limited to the teaching of drawing, but he will also teach modelling in clay and shaping in paper.

Second. An instructor in sewing to teach the girls in the grammar schools sewing, beginning with the third grade.

Third. An instructor in cooking to teach the girls of the high school.

Fourth. An instructor in manual training to teach plain woodwork to the boys of the seventh and eighth grades in a plain work shop to be provided for that purpose.

Ann Arbor, Mich. A course in physical culture in the high school will be a feature next year.

Columbus, O. The school board has decided to try again during the coming year to establish manual training in the schools. The plan tried several years ago of fitting up one room in each school building for this purpose was cumbersome and expensive. It is now intended to devote one building entirely to manual training and to send thither at assigned periods the children from the various schools. In this way the cost for equipment will be reduced to a minimum and the time for instructors will be filled.

Philadelphia, Pa. Latin is to be dropped from second year in the department of commerce.

Bangor, Me. Next fall the high school will open with a new department; a commercial course such as is carried on in any business college.

Pittsfield, Mass. Beginning of the next school year a commercial and business course of two years in the high school is to be established.

Kalamazoo, Mich. The propositions to appropriate \$4,000 each for manual training and public kindergartens were carried by a generous vote at the annual school election. New Yorkers had better stop "joshing" teachers who come from Kalamazoo, as they are a most intelligent and progressive lot, keeping right up with the times.

An enactment of the Texas legislature provides for the teaching in the public schools of a course of humane treatment of animals.

Among Boards of Education.

Milwaukee, Wis. A. J. Lindemann, who was president of the school board when it was under the old system—when the school directors were appointed by the aldermen—has lost faith in the present system of school affairs. Under the new system the mayor appoints four commissioners, who appoint the school directors. Mr. Lindeman says the present board is too conservative, too far removed from the people, and too autocratic. At the time of the change Mr. Lindemann strongly advocated the new system. He says that he has seen his mistake and is satisfied that he took the wrong side.

Omaha, Neb. The board recently visited Kansas City to investigate new school arrangements and to get new ideas as to the relative equipment of their schools in regard to manual training.

Peralta, Cal. C. H. Allison, the clerk of the board, in a communication replying to a teacher who had made application for a position, said: "We wish a teacher of experience and up-to-date, unmarried, good-looking, one of the trustees is unmarried, or, rather, single." Mr. Allison has been severely criticised for having written the letter. Mr. Allison, in explanation, says: "Some teachers would be glad to know that at least one of the trustees would have no child at school, so I noted that fact. There is an impression abroad that ill-looks and deviltry are companions, that goodness and good-looking go together. I am not warring against opinions, so I prefer a good-looking teacher." He further stated that he did not write the letter as a joke, but in kindness and to give information.

Somerset, N. H. The board has decided to dispense with the services of a superintendent this coming year.

Lyons, Neb. The school board has resigned in a body because the high school graduating class persisted in appearing on the stage on commencement night garbed in overalls. The students claim to have suffered certain humiliations at the hands of the board and by way of retaliation adopted the word "Work" for their class motto and determined to appear in laborers' garb when claiming their diplomas.

The board, learning of the plan, endeavored to suppress it, and, failing in that, informed the class that the expense of the opera house would not be met from the school fund. The graduates answered this move by charging an admittance fee, and the townspeople, entering into the spirit of the jest, crowded the house to the doors.

The board looked upon this result as an indorsement of the students and resented it by abandoning the management of the city's educational affairs.

La Crosse, Wis. A member of the board resigned owing to the anti-pass law. He receives passes and franks from railroads that he does not care to give up for a position that requires labor without pay.

Williamsport, Pa. Judge Metzger ousted the school board of Penn township because they failed to provide ample school accommodations. A new board has been appointed.

Chicago, Ill. Union labor has requested the mayor that it be recognized in the appointments to be made to the board of education.

New York, N. Y. President Little of the board of education is considering a suggestion to the effect that the schools of the Greater New York city should be named after great American statesmen, soldiers, sailors and authors.

Brooklyn, N. Y. The board has opened ten playgrounds as resorts for poor children during vacation time.

Waukesha, Wis. The tuition for non-resident pupils has been fixed at 60 cents a month for the high school and 50 cents for the grammar and primary schools.

THE AMERICAN School Board Journal

DEVOTED TO

School Boards, School Officials and Teachers.

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THE LOS ANGELES MEETING.

California did herself proud. It received the N. E. A. with open arms—showered upon it fruits and flowers, sunshine and smiles—and sent it home rejoicing. The Los Angeles people are good Californians, and the local committee consisted of the best Californians.

The hotels were accommodating and reasonable in price. The small tradesmen were strictly "on the make." They raised their prices for the visitors. The meeting halls were centrally located and easily accessible. The teachers of Los Angeles were charming.

The arrangements were apparently in good hands. Everything essential to a successful meeting had been provided for. Committees worked diligently and effectively. Guides met the visitors at the trains. The lodging committee succeeded in providing for every one. The various state headquarters were provided with fresh flowers and fruits every morning. Secretary Frank Wiggins was in evidence everywhere—always looking after the comfort of the guests—always cheerful and obliging. The various other members of the local committee were painstaking in their efforts. Chas. Cassat Davis and Mr. Washburn greeted the school board members; Mr. Rule extended invitations from morning until night. In fact, invitations to tally-ho rides, excursions and receptions were so numerous that people wondered who was the main-spring of all this kindness. The teachers bought an unpicked orange crop, and placed it at the disposal of the N. E. A. visitors. Here was offered a novel sight. Several thousand teachers strolled through the vast fruit farm picking oranges and lemons from the well-laden trees.

The attendance was large—in fact, a record breaker. The papers were strong in most instances.

The next meeting will go to the East, and the choice of cities will lie between Montreal, Boston and Charleston. The latter city received the largest vote in the board of directors. The matter will, however, be determined by the executive committee, who will, after determining the claims of the various cities, investigating hotel and hall facilities, railroad rates, etc., make a decision.

THE ONE-MAN POWER.

The efforts of the apostles of the one-man power in education met with a sudden opposition at the Los Angeles N. E. A. meeting. The unexpectedness of this opposition and the source whence it came had the tendency to set even the indifferent schoolmaster to thinking.

The Chicago teachers came out emphatically against educational imperialism, and it did not take long to discover that some of the leading men in the association were arrayed on their side as well as against them.

In order that the movement, which reached such an interesting climax at Los Angeles, may be understood, we will briefly relate the circumstances which led up to the same.

Some years ago Andrew S. Draper began the movement towards concentrated school boards. His writings and lectures aimed at smaller boards, an elimination of politics in school government, a well-defined division of the rights and responsibilities of boards and superintendents, with increased powers for the superintendent. His ideas contained so much that was good, together with much more that was absolutely bad, that the teachers, as well as the public, were willing to swallow the whole dose. The immediate result was the Cleveland plan, a school board organization which has already demonstrated its serious defects.

Draper found his followers in such men as Dr. Nicholas Murray Butler, F. Louis Soldan, and others. These began to bombard from the lecture platform the doctrine of concentration. They filled the magazines and the daily press with their observations—hinging, as a rule, their main argument on some of the well-known weaknesses of the average board—weaknesses which are due to the men, and not to any given system of organization.

Their work proved effective, in that a number of the leading city school boards were clipped of their membership and shorn of their powers. A number of superintendents were given arbitrary powers and the era of "reform school boards" was on.

Since the advent of the Draper gospel we have continuously combated the doctrine of concentration—believing, as we do now, that the ultimate result would be the one-man power. While we were in part supported in our crusade by school board members, we did not expect any support from the teachers. These have, either through discretionary motives or indifference, remained silent. Now it dawns upon them, however, that they themselves are interested, that the appointment and dismissal of teachers in one man's hands is apt to lead to gross abuses, that men are human the world over, and that superintendents are susceptible to the weaknesses common to all men. It has also become apparent to teachers that a school system cannot be conducted upon the factory plan whereby one man hires and discharges all the help and fixes the wages to be paid.

We maintain now, as we have done for years, that a school system belongs to the

people, who must maintain it; that its government must be identical with the government of this nation; the public must be represented through the school board, and that the school board must be a thoroughly representative body. The superintendent must remain the educational expert; must have the initiative in all matters educational, but the board must have the final voice in all important matters. It alone is directly responsible to the people.

If, then, the spirit of democracy is to pervade our public school system, in a country of which it is such a conspicuous and component part, all monarchical tendencies must be considered dangerous. All efforts to clothe one man with arbitrary powers, all attempts to destroy the representative feature of a school board, all movements to concentrate properly distributed power into fewer hands, should and must be discouraged.

Experience has proven that concentration inevitably leads to a one-man power, and that one-man power is the very essence of Czarism.

No sensible superintendent should care to burden himself with the responsibility of the sole right and duty to select and dismiss teachers, nor should he wish to arbitrarily adopt text books or courses of study. He should be willing to divide the responsibility with the school board.

The opposition of the teachers of Chicago is clearly against the one-man power in school government. This opposition will spread, and we look for a movement which will eventually place all school systems upon a more equitable basis.

THE SCHOOL DESK STATUS.

The apprehension that was felt early in the year as to the school furniture industry has been practically allayed. School boards then had reasons to believe that prices would have a decided upward tendency, while the manufacturers were at sea as to the probable outcome of a "coming together" which was then in progress.

Those who watched the situation early in the year were warranted in being fearful of the outcome. That the terms exacted would be materially higher was reasonable to suppose. That school boards would object to paying more was natural. With the manufacturer on the one hand, compelled to pay an increased price for his raw material, and school officials on the other, repressing a greater price for furniture, the chances were that some one would get badly damaged. This some one would be the manufacturer.

If a careful comparison is drawn between the prices paid last year and those quoted at present, it will be found that there is no difference. In fact, it is safe to say that the prices for goods are as low as they were last year, and in some instances lower.

When it is here considered that lumber has gone up from 20 to 30 per cent., and iron fully 100 per cent., the present prices for school furniture are low. Wood and iron are chief factors in the construction of school furniture. Labor has commanded better wages.

School boards, of course, need not care a rap whether the manufacturer makes a sou on his goods or not. They want the best article at the lowest figure. This is as it should be. It must be gratifying, nevertheless, that equity is achieved for both sides in any transaction in which school boards are interested.

The cause may be found in the fact that manufacturers have partially, at least, succeeded in placing the industry upon a footing which eliminates much unnecessary expense. The dealings between manufacturer and school board have been simplified.

Whatever opinions we may hold on the subject of combination, good business methods should always be approved. It may be of no moment here to say that the writer is opposed to combinations. He is willing to say, however, that no industry was in greater need of an understanding than that engaged in the manufacture of school furniture. Not only because the manufacturer stared ruination in the face for the past five years and was obliged to pay starvation wages to his help, but because school boards were led into purchasing poverty-made school desks and too often became the victim of shoddy goods.

As already stated, school boards need not and will not concern themselves as to the fate of the manufacturer. The real interests of the schools in his charge are his first and only concern. But quality, price and method of purchase should be accompanied by the satisfaction that no one has been unduly benefited or hurt. We believe that the conditions in the trade are better now than they have been for many years.

GRADED COUNTRY SCHOOLS.

"Concentrate! Concentrate!" is becoming more and more the motto of our time. It began when capital sought to gain by strategy which forced labor to organize and combine. The spirit has touched the schools and is rapidly making headway.

All over this country will be found the little red school house. Every district has one within its limits. These are now to be abandoned. Instead of erecting a school house in every district, but one is to be erected in every township. The pupils who live at a distance from the building, which is to be centrally located, are to be conveyed to and from the school in busses or carryalls.

The experiment has already been made in several states and has proven successful.



PROF. W. K. TATE.
Who championed the cause of Charleston, S. C., for next year's N. E. A. meeting.



PROF. O. T. CORSON,
Newly Elected President National Educational Association.

It is good economy from the standpoint of the taxpayer, much better schools are the result, and the advantages of the graded system enjoyed by the country population.

PUBLIC SCHOOLS IN MANILA.

An event of more significance than the sending of soldiers and ships to the Philippines—though their presence was essential in order that the event might occur—was the opening of the American schools in Manila last month.

For the first time in the history of these islands primary education is now free to all children, and for the first time the English language is to be taught in the schools. The system has been organized under the direction of the American commission. Accommodations whereby over 5,000 native children between the ages of 6 and 12 years have begun their education under Spanish, American and Filipino teachers is established.

Of course, the system as now introduced is not a perfect one. It will, doubtless, be extended and improved from time to time. With tactful regard for the existing popular customs, there is little doubt the experiment will be a success.

WHAT HIGH SCHOOLS SHOULD TEACH.

President David Starr Jordan, of Stanford University, spoke some salient truths before the National Educational Association when he opposed the attempt to reduce the high school to the role of a college preparatory. He said it was an impertinence for the university to try to push down a course of study upon the high schools. The first function of the high school is as a finishing school and not as a preparatory. It is the poor man's college. If there is any solid basis for maintaining the high school with public taxes it is this. If the fortunate few who go to college can prepare themselves in the public high school, well and good, but

this is not the object for which the school is maintained. Whatever bending may be necessary to make connections between the high school course and the college curriculum, it must come from the college and not from the other. There should be no warping of the high school for any such purpose. The course should be as symmetrically rounded as a college course. Over three-fourths of the high school graduates never go to college. There can be no surer way of arousing hostility to the high school than by making it primarily an adjunct to the college or university.

The claim is made that no woman who has ever taught school should ever marry; that the profession unfits her for becoming an affectionate mother or a solicitous wife. Still, some man is found every once in a while who is willing to risk it. At times so frequently that school boards take special note by passing resolutions reading as follows: "The marriage of a teacher is equivalent to her resignation."

It isn't always the man who possesses a world of knowledge that makes a great success as a school superintendent. Such individuals may know every text book in the land by heart, but if he hasn't the executive ability, the push, the hustle, the energy, the health and the school's interest at heart, he will not make "a bright and shining mark" in the progress of the public school system.

A school board member needs to be cultured, broad-minded, tactful, possessed of good executive ability, above favoritism, and with an understanding that can comprehend the needs and necessities of every item that pertains to pupil life and school room.

In a published interview, Mayor Carter Harrison of Chicago is quoted as saying: "I am going to the next legislature to ask it to take all appointing power on the board of education out of my hands. I am tired of it and would gladly give it up."

Teachers for the public schools must be chosen for their ability, retained for their faithful discharge of duty, and dismissed for inefficiency.



Teachers Visiting an Orange Grove at Los Angeles, Cal., During the N. E. A. Meeting.



JOHN ANSTON, ARCHT.

NEW HIGH SCHOOL, LAWRENCE, MASS.

Building and Finance.

Cleveland, O. Director Sargent has very forcibly called attention to the want of new school buildings. School rooms have been opened in basements and old stores. Many of these rooms are imperfectly lighted, heated by stoves, and with no system of ventilation. They are incommensurable, inconvenient and unhealthy.

Kansas City, Mo. The board of education has appointed C. A. Smith school house architect.

The grand jury of the United States District Court for Alaska, has made a report on the conduct of educational affairs in that far-off territory. It says that those affairs are "deplorable." Congress appropriated \$415,000 for educational purposes—a sum which was amply sufficient had it been used wisely. The grand jury does not accuse the educational agent of dishonesty, but does plumpily accuse him of frittering away the money, neglecting his duties, and making false statements in his reports.

Chicago, Ill. The board of education contemplates in the future to erect fire proof school buildings only.

Seventeen states provide for the inspection of school house plans by some higher authority than the local board.

New Haven, Conn. Non-resident pupils attending high school must pay an annual tuition of \$75.

Chicago, Ill. Supt. E. Benjamin Andrews favors the erection of large schools. He says: "There is a dignity about a big school that does not pertain to the smaller structures."

Ann Arbor, Mich. The school board, recognizing the growing demands for bicycle accommodations,

decided to fix up the basement of the high school with an entrance so that scholars can

ride directly in and place their wheels in safe-keeping.

Marietta, O. Average cost of tuition per pupil on enrollment: In elementary schools, \$8.75, or 87½ cents per month; in high school, \$19.28, or \$1.93 per month. Average cost of tuition per pupil on average daily attendance: In elementary schools, \$11.32, or \$1.23 per month; in high school, \$24.45, or \$2.45 per month.

South Bend, Ind. A rule adopted provides that hereafter estimates of the cost of school buildings must be accompanied by a bond guaranteeing that bids for construction will not be in excess of their figures. Another rule adopted requires that every contractor must give security for the faithful performance of his contract.

Indiana. A decision of the supreme court has put a check on contracting school debts in towns and cities. In order to build school houses in some places where the indebtedness of such places had already reached the constitutional limit of 2 per cent. of the assessed value of property, it was held that the limitation did not hold as to school purposes. The supreme court held that it does and the limit covers the total debt of whatever character.

Kentucky. The county superintendent is empowered to condemn any school building which is dilapidated, unhealthy or otherwise unfitted to be occupied for the purpose of a common school.

Haverhill, Mass. The Socialists and Republicans have come into a collision on the issue of building the new school by the contract system. The Socialists demand that it be built by the day-labor system, claiming that the work would be better and more satisfactory.



NEW SCHOOL BUILDING, SUMMERVILLE, VT.

A. A. SEARCY, ARCHT.
Maryville, Mo.

SCHOOL HOUSE, BURLINGTON JUNCTION, MO.

NEW SCHOOL, LADOGA IND.
WIND & MAURIN, ARCHTS
Logansport, Ind.HIGH SCHOOL, FORT SMITH, ARK.
F. S. ALLER, ARCHT., JOLIET, ILL.

Recent Patents.

COMBINED PENCIL-SHARPENER AND ERASER. Joseph D. Stassart, Portland, Oreg., assignor of one-half to Harper Pease, same place.



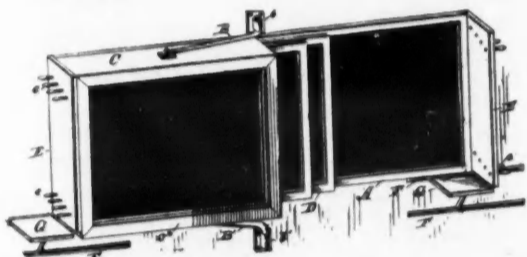
An improved combined pencil-sharpener and eraser, comprising a tube, adapted at one end to engage a tubular sleeve on the end of the pencil and at the other to carry an eraser, having its intervening position flattened at each side and formed with a smaller, tubular section, slotted longitudinally, and a knife having its body secured to one of the flattened portions and its blade bent over and projected through the slot, all substantially as described.

EDUCATIONAL APPLIANCE. Arthur W. Thomson, New York, N. Y.



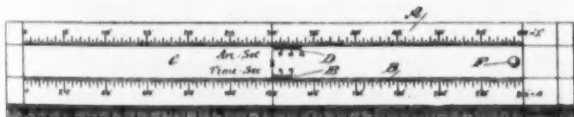
A set or series of movable patterns or forms for instructing beginners in the art of phonography, comprising straight and curved consonant-bars provided with obverse and reverse light and dark sides, combined with the "iss" and "ses" or "sez" circle patterns, the hook patterns, the vowel and diphthong patterns, and the "ster" and "steh" loop patterns designed to be used in connection with said consonant-bars.

BLACKBOARD. Thomas F. Daly, New York, N. Y.



In a blackboard the combination of a fixed board or writing-surface, arms pivotally attached to supports positioned centrally with respect to the board, a case carried by the outer ends of the arms, a plurality of slides carried by the case, stop-boards positioned at the ends of the fixed board so as to be engaged by the ends of the case, means carried by the stop-boards for engagement with the slides carried by the case and brackets supported so as to be moved to either side of the stop-boards to provide supports for the slides when projected from the case, substantially as shown and for the purpose set forth.

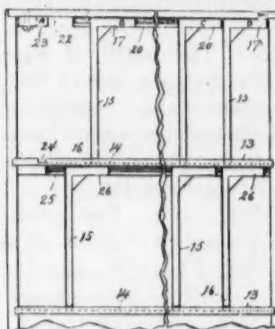
ASTRONOMICAL SCALE. Stephen R. Kirby, New York, N. Y.



A device for use to graphically illustrate time and longitude relationship and to facilitate computations therein, having two adjacent scales representing respectively in their proper proportions units of time and longitude, a

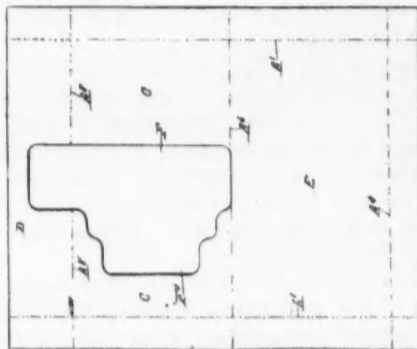
vernier-slide having a vernier for each scale, a scale having oppositely marked thereon the corresponding hours of the astronomical and civil day, and a scale graphically representing the yearly equation of time.

CASE. Andrew J. Kearns, Milwaukee, Wis.



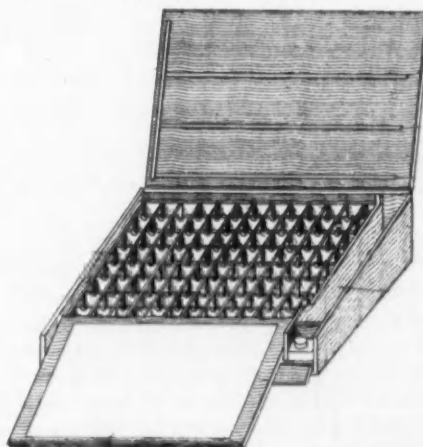
The combination of a case having horizontal elements provided with guideways, and one of said horizontal elements provided with a transverse recess at one end of the guideways, partitions provided with slides, said slides slidingly engaging the guideways, and a pivoted strip, adapted, when turned in one direction, to partly close the transverse recess, in order to prevent the removal of a slide and its partition, and, when turned in the opposite direction, to permit of the removal of a slide and its partition.

BOOK-COVER. Ellsworth M. Page, Buffalo, N. Y., assignor, by direct and mesne assignments, to the Page Book Cover Company, Albany, N. Y.



A detachable book-cover consisting of a folded sheet of flexible material and comprising a body part, a transverse bottom fold, side flaps formed by side folds, a lock-flap formed by a transverse top fold and provided with a book-aperture, and a tuck-flap formed by a transverse fold in the lock-flap.

EDUCATIONAL APPLIANCE. John H. Hargens, San Francisco, Cal.



In an educational appliance, the combination of a font-tray, to contain cards having devices printed thereon, a box with a hinged lid, having means thereon for holding said cards; the front piece of said box being hinged, and adapted to swinging outward, and downward to act as a support for a member pivoted between the sides of said box, and normally covering said font-

tray, and adapted to be extended outward to be written upon; and compartments in the body of said box for writing materials.

Commercial Education.

BEGIN AT THE BEGINNING.

Is the public school of today behind the times? Everyone would hesitate before saying yes, but there is still room for improvement.

While a great deal of money is being expended on various ornamental branches of learning, others which would have an immediate value are neglected.

When a graduate of our schools goes out into the world to use the knowledge acquired, it is found that much of it is of little practical value, and knowledge that is needed has to be gotten from private pay schools or by night study. This is proven by the large number of prosperous "business colleges" and technical schools. The leading studies in these schools are stenography and typewriting. It is, we think, a safe estimate that four out of five of the openings which offer to a graduate require a knowledge of these twin accomplishments. German, music, drawing and sloyd are all right, but they do not bring wages, except in rare cases.

The object of the public school, above all, is, or should be, practicability. Yet, unless the graduate intends to follow the profession of teaching, he is not fully equipped for life's work until he takes a course in some private institution which makes a specialty of studies which should have been taught in the public school. He has been given the option of what is called the classical or scientific course. The business course is usually confined to a hurried exploration in the realm of bookkeeping. The branches required by all business men are ignored, and to this extent are the schools deficient.

The schools should meet these requirements by commencing with the pupil in the lower grades. There is no reason why stenography should not be taught as early in the course as history or geography. If this were done and several years given to these branches, a fluency would be easily acquired that would expedite all school work in the entire course. This feature alone would pay for the innovation in the saving of time, which in these days is money.

The introduction of these studies does not involve any radical change in the school work. Stenography is not the deep and mysterious science that some suppose, nor is typewriting the laborious and tiresome undertaking that many imagine; they are a source of pleasure, as well as an accomplishment.

One of the fallacious ideas which the advocates of this reform have to combat is that no one needs a knowledge of these branches except one who intends to make them a profession. Nothing could be more erroneous. In these modern days of time-saving business methods, a man who is ignorant of typewriting, or at least stenography, is a relic—actually handicapped in the race. In addition to this, if the student, having learned them in the lower grades, were to use them only in his school career, he would have received infinite aid in his school course and be that much better educated and trained for mental effort of any kind. In other words, teach a pupil when he is a pupil.

We do not fear to prophesy that within a very short period stenography and typewriting will be a regular part of the course, from start to finish, in every up-to-date public school.—*The Blickensderfer Mfg. Co. Chicago Office.*

Philadelphia, Pa. The board has appropriated \$15,000 for free public lectures to be delivered during the coming winter.

School Supplies and Equipment.

Peckham, Little & Co. report that their business output is exceptionally good. A number of contracts for school supplies being received daily.

Valparaiso, Ind. The new Third ward school is to be furnished complete with the Olmsted artificial stone blackboard by the Standard School Furnishing Co.

Denver, Colo. School District No. 1 awarded contract for 150 gallons mineral tablet ink to the McConnell School Supply Co. of that city.

Alvan, Ill. The Standard School Furnishing Co. has secured the contract for their Olmsted artificial stone blackboards in the high school.

Peckham, Little & Co., New York City, handle an elegant supply of college and school supplies.

Topeka, Kas. The state school commission has entered into a contract with E. G. Dann & Co. for blackboard erasers.

Joliet, Ill. The board purchased a supply of diplomas from the Central School Supply Co.

Stevens Point, Wis. Contract for slate blackboards awarded to J. M. Olcott & Co.

Passaic, N. J. A Smith-Premier typewriter has been purchased by the board of education.

West Des Moines, Ia. The school board voted down a resolution which read as follows: "Resolved, That no member of this board, either directly or indirectly, shall be interested in any contract let by this board for supplies or goods furnished the district. This is meant to include the proprietors or representatives of firms."

Mt. Pleasant, Ia. The board of managers of Mt. Pleasant Academy has purchased two Smith-Premier typewriters for use in that institution.

Brooklyn, N. Y. The board of education has added a Smith-Premier typewriter to the school equipment.

Las Vegas, N. M. Blackboards furnished to the New Mexico Normal University by the McConnell School Supply Co., of Denver, Colo.

The School and Office Supply Co., of Grand Rapids, Mich., has received orders for school supplies during the past month from Cuba, Nova Scotia and New Brunswick. Inquiry regarding their school equipments has been made from St. Petersburg, Russia.

De Kalb, Ill. The Northern Illinois Normal school is to be finished throughout with the Olmsted artificial stone blackboards which are now being made by the Standard School Furnishing Co., of Chicago. There will be used over 1,200 yards of blackboard in the building.

Denver, Colo. School District No. 1 awarded contract for blackboards for the addition to high school to the McConnell School Supply Co., of Denver.

Chicago, Ill. The board of education has awarded contracts for blackboards for the Chas. W. Earle school, a twelve-room building, and for a twenty-room building on Calumet avenue and Twenty-sixth street, to the Standard School Furnishing Co. for their Olmsted artificial stone blackboard.

Newburgh, N. Y. School supplies procured from Peckham, Little & Co.

Wausau, Wis. The new high school has been equipped with a Frick program clock. It will ring a gong outside the building to call the pupils to their work, will regulate secondary clocks in each of the rooms, and will ring bells as the study and recitation program demands.

Topeka, Kas. The state school commission has entered into a contract with J. M. Olcott & Co. for the following school supplies: Planetary pencil pointer, Bartlett's dictionary holder, numeral frames, Tarr's noiseless pointers, Kellogg's physiological charts, American dustless crayons, Alpha dustless crayons, steotype crayon, enameled yellow crayons, common

white, enameled pink crayons, assorted colored crayons, real slate blackboards, and slated cloth.

Salt Lake City, Utah. A purchase of drawing models made from the Rohde Kindergarten Supply Co., of Milwaukee, Wis.

Grand Rapids, Mich. A quantity of school supplies procured from the School and Office Supply Co.

Bryon, Mich. The board of education has decided to equip the new school building with the Olmsted artificial stone blackboard, contract awarded to the Standard School Furnishing Co.

Cedar Rapids, Ia. Apparatus purchased from the Franklin Educational Co.

Salt Lake City, Utah. The board has made a purchase of a number of gross of Eagle pens.

Galesburg, Ill. The new school now being erected is to be furnished throughout with Olmsted artificial stone slate blackboard manufactured by the Standard School Furnishing Co.

Rochester, Ind. A Smith-Premier typewriter has been purchased by the Normal University here.

Fort Collins, Colo. The equipment of the State Agricultural College here has been increased by the addition of a Smith-Premier typewriter.

Cincinnati, O. Contracts for Estabrook pens and Eagle pencils awarded. Crayons are purchased from the Excelsior School Furniture Co.

Superior, Wis. A quantity of school supplies purchased from the Standard School Furnishing Co.

Marysville, O. The board of education has purchased a Smith-Premier typewriter.

Grand Junction, Colo. The entire contract for all kinds of apparatus and supplies awarded to J. M. Olcott & Co.

Pittsburgh, Pa. The school directors of the Twenty-seventh ward have taken a referendum vote. The voters have been asked to vote for or against the establishment of a swimming pool and shower baths in connection with the contemplated new school building. The report of the vote states that the "ayes" were a long way ahead of the "noes."

The individual school waste poke, manufactured by Hess & Curtiss, Warsaw, Ind., are in use in hundreds of schools. It has proven itself to be a much-wanted improvement in a school room.

Davenport, Ia. The Standard School Furnishing Co., of Chicago, was awarded contract for furnishing their Olmsted artificial stone blackboard for school house No. 3.

School boards in need of school bells should not fail to write the Meneely Bell Co., of Troy, N. Y., or the Stuckstede Bros., proprietors St. Louis bell foundry, St. Louis, Mo.

Glens Falls, N. Y. J. M. Olcott & Co. secured a large order for physical apparatus.

Philadelphia, Pa. The board of education has added another Smith-Premier typewriter to the school equipment.

Chicago, Ill. The board of education has purchased a Smith-Premier typewriter for use in the normal training school.

Boston, Mass. The baths in the new Paul Revere school have fully realized the predictions of the promoters. Already the accommodations are found to be inadequate. Instead of shrinking from the ordeal, the children have looked forward to the enjoyment of the bath exercise with eager delight, and the bath department has already proved itself an essential feature of the school curriculum. In the arrangement of the baths, convenience, privacy and comfort have all been considered.

Columbus, O. The Greenwood School Supply Co. secured the contract to furnish the schools with ink this year.

Salt Lake City, Utah. Slate and lead pencils purchased from the American Lead Pencil Co. Rubber-tipped blackboard pointers from Atkin-

son & Mentzer. Drawing paper from Smith & White Manufacturing Co.

Louisville, Ky. The board of education adopted the report of the building committee to award contract to the Standard School Furnishing Co., of Chicago, for putting their Olmsted artificial stone blackboards in the Duncan street, Portland avenue, Main street, California, Shippinsport, Cabel street, Madison street, and Central, Eastern and Western colored schools.

Chicago, Ill. City Electrician Ellicott proposes to place fire-alarm boxes in the public school buildings, but Fire Chief Swenie says that would be too much of a temptation for the boys. The chief favors the police telegraph box. Means of instantaneous alarm in case of fire or accident, he says, is needed in school buildings in the outlying districts, many of which are two blocks away from a fire-alarm or police-telephone box.

Philadelphia, Pa. The following firms offered bids for the filter contract: Philadelphia Filter Co., Maignen Filtration Co., L. Triesbach & Co., United States Filter Co., Boston Filter Co., Pasteur-Chamberland Filter Co., Albert & Poole, and John Baizley Iron Works.

Grand Rapids, Mich. Apparatus purchased from Alfred L. Robbins Co., of Chicago.

Indianapolis, Ind. The Standard School Furnishing Co. has for several years past furnished the new school buildings with blackboards. During the past month this firm secured a contract for blackboards for the Olmsted artificial stone for a number of school buildings.

Racine, Wis. A representative of Kurtz & Co., of Toledo, O., was present at the recent meeting of the board and submitted a blue print of a smoke consumer and fuel saver.

F. Weber & Co., 1125 Chestnut street, Philadelphia, Pa., handle a large variety of drawing instruments for schools and colleges. Catalogue can be had for the asking.

Buffalo, N. Y. Niagara University has purchased a Smith-Premier typewriter for instruction purposes.

Cedar Rapids, Ia. Physical and chemical apparatus purchased from the Franklin Educational Co.

Kansas. On account of the new school law it is unlawful for any outside firm to sell any school room furniture to the common and high schools of the state. A heavy penalty is attached, not only against the firm which makes the sale, but the district officers who purchase. All goods must be bought from the parties to whom the state commission has awarded the contracts.

Newark, N. J. A Smith-Premier typewriter has been installed in the Newark high school.

Reading, Pa. Contract for maps, globes, etc., awarded to J. M. Olcott & Co.

Saginaw, Mich. Estabrook pens are used in the schools.

L. K. Dann, of Jackson, Minn., has bought an interest in the E. G. Dann School Supply Co. He is a man of excellent business ability and brings good credit to the firm.

Connellsville, Pa. The contract for furnishing the school supplies was let to the Greenwood School Supply Co., of Youngstown, O.

Four years ago the United States land office purchased forty Densmore typewriters. This same department has now given an order for sixty more of these machines. The significant inference from these facts can safely be left to the public.

California. A law directs that each school building in the state shall, if two or more stories in height, be provided with suitable and sufficient fire escapes.

Thornport, O. J. M. Olcott & Co. furnished a large order of natural slate blackboards to the board of education.

School Furniture.

Wausau, Wis. The contract for supplying seats for the new high school awarded to the A. H. Andrews Co., of Chicago. The contract called for 450 adjustable desks and 150 recitation seats.

Bradford, Pa. A. H. Andrews Co., of Chicago, and Randolph McNutt, of Buffalo, were the only two bidders for the school desk contract.

Potsdam, N. Y. The school board has placed a nice order for desks with the Buffalo School Furniture Works.

Port Jervis, N. Y. The following firms entered into competition for the school desk contract: Piqua School Furniture Co., Thos. Kane & Co., Favorite Desk and Seating Co., Wabash School Furniture Co., Beal & Daniels, American School Furniture Co., and the Grand Rapids School Furniture Co. The contract was awarded to the Grand Rapids School Furniture Co. Mr. Wm. M. Peard was the successful company's representative.

Ford City, Pa. The board of education were so delighted with the sample Regal desk submitted to them that they placed a large order for these desks with the Cleveland School Furniture Works.

Topeka, Kas. The state school commission has entered into a contract with the A. H. Andrews Co. for school seats, desks, chairs, teachers' desks and chairs and kindergarten chairs and tables.

York, Pa. The American School Furniture Co. secured contract for a large number of desks.

North East, Pa. The board of education awarded contract for school desks to American School Furniture Co.

Lancaster, N. H. The schools will hereafter be seated with combination adjustable desks made by Grand Rapids School Furniture Works, the school board having given that company a very generous order.

Joliet, Ill. An order for about 600 desks has been placed with the Thomas Kane & Co. Works, Racine, Wis.

Byron, Minn. Contract for desks to be placed in the new school building awarded to Grand Rapids School Furniture Works. Almost every desk manufacturer in the West submitted bids to the board.

Milwaukee, Wis. The Manitowoc Seating Works received the contract for the school furniture to be placed in the new school. The contest had narrowed down to the combination adjustable desks, and the committee decided that the Oxford adjustable answered their purposes.

Racine, Wis. Board of education accepted Thomas Kane & Co.'s bid for school desks to be placed in the new Third ward school.

Iola, Kan. Contract for school furniture awarded to the American School Furniture Co. for the Jewel automatic desk.

Lorain, O. The board of education recently advertised for bids for school furniture, and after examining the leading makes, awarded contract to the Piqua School Furniture Works for the Columbia automatic desk.

Dyer, Tenn. The board of education recently placed an order with the American School Furniture Co. for the new Elgin automatic desk.

Kirkville, Mo. A large order for school desks placed with the American School Furniture Co. New Elgin desk being selected after a very heated contest.

Carrollton, Mo. The school board placed order for desks with the American School Furniture Co. for the new Elgin desks.

The following cities in Illinois recently placed orders for the ball-bearing automatic desks: Sycamore, Nokomis, Galesburg. These desks

will be placed in the new normal school being erected at De Kalb.

Traverse City, Mich. After thorough examination of the leading desks, contract was awarded to the Grand Rapids School Furniture works for their ball bearing desks.

Oklahoma City, Okla. Contract awarded to the Thomas Kane & Co. Works for the Victor desks.

Harvey, Ill. Contract for school furniture was awarded to the American School Furniture Co. for the century automatic desks.

Henderson, Ky. Order for desks placed with the American School Furniture Co. for the New Elgin desks.

Kendalville, Ind. School board recently seated their new school building with the Columbia automatic desk, manufactured by the American School Furniture Co.

Lake Villa, Ill. An order placed with the American School Furniture Co. for the New Elgin desk.

Quincy, Ill. At a recent school desk letting the school board decided in favor of the New Oxford desk, offered by the American School Furniture Co.

Somerville, Mass. The Chandler Adjustable Desk and Chair Works, Boston, Mass., secured order for about 500 desks. This firm is enjoying a phenomenal trade.

Lancaster, Pa. The school board has placed an order for several hundred desks with the Buffalo School Furniture Works.

Pittsburg, Pa. A shipment of school desks just received from the Cleveland School Furniture Works.

Baltimore, Md. Wm. J. Dulany Company secured the contract to furnish desks and rear seats of the Buffalo pattern, tablet arm chairs of the Grand Rapids, and drawing tables for the new city college building.

Norwood, Mass. The contract for new desks for the Guild school granted to the Chandler Adjustable Desk Co.

Woonsocket, R. I. The school desks for the Vose street school are of the Chandler adjustable pattern.

Racine, Wis. Bids on school desks for the new Fifth and Sixth ward schools were received from the American School Furniture Co., of Chicago, Moore Manufacturing Co., of Springfield, Mo., and A. H. Andrews Co., of Chicago.

Bayonne, N. J. The board decided upon the adoption of the automatic combination adjustable desks of the New Jersey School and Church Furniture Co. for No. 7 school.

Quincy, Ill. The board of education has voted to buy none but union labor made school furniture.

Bath, N. Y. The contract for furnishing seats for the new school building awarded to Randolph McNutt.

Springfield, Ill. A. H. Andrews & Co., of Chicago, was awarded contract for chairs, seating, etc., the new Northern Normal school at De Kalb. The American Furniture Co. secured the contract for desks.

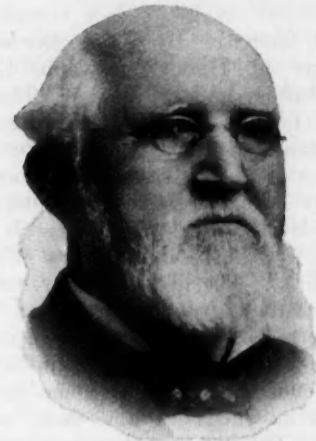
Bradford, Pa. The American School Furniture Co. secured order for school desks.

Piermont, N. H. The school board was so favorably impressed with the school furniture made by Grand Rapids School Furniture Works that they unanimously awarded contract to that company.

Lebanon, Pa. The American School Furniture Co. were the successful bidders.

Brookline, Mass. Purchase of adjustable chair desks made by Chandler Adjustable Desk and Chair Works has been made.

West Bridgewater, Mass. The town trustees decided to adopt adjustable desks made by Chandler Adjustable Desk and Chair Works, and placed a large order with that concern.



COL. JOHN A. M. PASSMORE,
The veteran bookman who was elected President of the
Pennsylvania State Teachers' Association.

Turner's Falls, Mass. The board of education showed their confidence in goods manufactured by Grand Rapids School Furniture Works by awarding contract to that concern. The contract is for ball-bearing automatic desks; also a liberal quantity of combination adjustable desks, which will be given a trial.

North Cambridge, Mass. The annual order for school desks has been placed with the Chandler Desk and Chair Works.

Brookville, Pa. The school board has placed an order for a large quantity of Victor desks with the Thos. Kane & Co. Works.

Cobles Kill, N. Y. The board of education awarded an order for school desks to American School Furniture Co.

Montague, Mass. The board of education was so well pleased with sample combination adjustable desk submitted by Grand Rapids School Furniture Works that they placed an order for a large number of desks of this description.

Asboro, Me. The Buffalo School Furniture Works has received an order for a liberal supply of school desks.

Durham, N. C. The board of education are so well satisfied with the ball-bearing desks in use in their schools that they have placed another order with the Grand Rapids School Furniture Works for several hundred more of the same style of desks.

Baltimore, Md. The Friends School is being refitted. An order has been placed with the Grand Rapids School Furniture Works for adjustable chair desks.

West Orange, N. J. The Frictionside Adjustable Chair Desk, made by the Grand Rapids School Furniture Works, was selected by the school board and an order placed for about 200 desks of that style.

The New York and Chicago offices of the American School Furniture Co. are now in complete working order. The heads of departments have been selected with judicious care. Conservative men have been entrusted with the policy of the company—which, we understand, embraces good business ethics—namely, a good article at a reasonable price. Some of the men have been known to the school public of the United States for many years and enjoy a reputation for clean business methods.

Quincy, Ill. After holding several meetings, the board of education finally awarded the contract for 200 desks and seats to the Manitowoc Seating Co. The Trades and Labor Assembly took a hand in the matter and requested that, as far as possible, the contract be awarded to a union firm.

Peoria, Ill. The school desk contract was awarded to A. H. Andrews & Co., their desks being, in the estimation of the board, the best submitted by any manufacturers bidding.

Book Reviews.

EUROPEAN HISTORY. By George Burton Adams, Professor of History in Yale University. Cloth, leather back, 577 pages. The Macmillan Co., London, New York, Chicago.

An elegant writer has said: "We gain only the outline of history's long procession, yet we know there have always been parents, and children, and lovers; always home's jewels set about with love; always the hopes, fears, afflictions of personal life." The historical novelist may fill in a few of the personal experiences. The historian brings before us the continuous onward movement of the masses of mankind as divided into nationalities. The nations have their periods of advancement and their periods of decadence. The historian has no time to dwell on personal experiences except as they affect the interests of a nation. He who can present the outlines of this endless unbroken succession of events so as to suggest the unwritten things of history is an artist.

This history is a scholarly work. It is adapted for a two years' course. In the text are traced the transitions from the rude conditions of pre-historic times to national eminence, to civilization, and culture. We see the forces that gradually wrought great changes. We see a growing people absorbing a declining one until the identity of the latter is lost. We feel the influences that have led empire from one locality to another across three continents. For while it is European history, the contributions of Asia and Africa are recognized. We see the men who have swayed opinions and stimulated intellectual development.

The style of the book is not labored, but is easy and natural narrative. There are no unnecessary words.

There are references to many authorities for further study; tables of the most important dates; topics to be assigned for special work; and summaries for review. Illustrations are of a high character. There are numerous maps.

The unity of history is preserved, while wide fields for special excursions are opened all along the way. While the book is well adapted for class use, it is especially valuable for the teacher of history, bringing to him vast resources.

A HISTORY OF THE AMERICAN NATION. By Andrew C. McLaughlin, Professor of American History in University of Michigan. Cloth, 587 pages. \$1.40. D. Appleton & Co., New York, Chicago.

Isolated and unrelated facts and incidents do not make history. The causes and effects of events are to be understood in all their correlations. The changes and growth of opinion are the important factors in history. The feelings and interests of the people are back of all laws. The development of the people is the thing which the historian is to trace; their progress in the arts and sciences, in general education and culture, and in the observance of the principles of morality and honor.

The author of this history has done his work well. With necessary brevity, but with remarkable clearness, he traces the feeble colonies in their growth. He relates the various colonial struggles, and the contest between France and England for the control of the continent. He states the causes of the estrangement between England and the colonies, and the campaigns of the war that won our independence. He describes the period of weakness, and the transition to a strong Federal government, the development of the country, and the final struggle for the preservation of the Union. The history is brought down to the present time.

He characterizes our eminent men with justice. He aims to tell the plain truth. His style is concise and clear. His descriptions, though condensed, are vivid.

The book is illustrated with fac similes of old-time documents and views, numerous maps and portraits. There are abundant references to authorities and tables of statistics.

It is a valuable and interesting addition to the long list of books on American history.

THE OLD NORTHWEST. By B. A. Hinsdale, Ph.D., LL.D., University of Michigan. Cloth, 430 pages. Silver, Burdett & Co., Boston, New York, Chicago.

This is a revised edition of a valuable and well-known work by a well-known authority, bringing in convenient form the history of this great section of the country.

THE PSYCHOLOGICAL DEVELOPMENT OF EXPRESSION. By Mary A. Blood, A.M., and Ida Morey Riley. Columbia School of Oratory, Chicago. Vol. IV. Oratory. Cloth, 171 pages.

A compilation of selections for use in the study of expression. These selections are in great variety and of high character. The idea running through the series is that, not a system of rules, but the thorough study and comprehension of a production will enable one to give the natural, and therefore the best expression.

THE ESSENTIALS OF GEOMETRY. By Webber Wells, S. B. Massachusetts Institute of Technology. Cloth, 391 pages. \$1.25. D. C. Heath & Co., Boston, Chicago.

A text book characterized by simplicity and clearness of statement and logical arrangement. The needs of the beginner are recognized. Original work is introduced judiciously, so that the pupil is neither helped too much, nor discouraged. There is nothing ambiguous in statement. The book is well made.

FIRST LESSONS IN CIVICS. By S. E. Foreman, Ph. D. John Hopkins University. Cloth, 12mo, 192 pages, 60 cents. American Book Company, New York, Cincinnati, Chicago.

So many of those in our schools never go beyond the grammar schools, it is desirable that some instruction in civics be given early. This book is for this end. The aim of the book is ethical—teaching to do what is right, in the family, in the school, in the community. It discusses the government of the town, the city, the county, the state, the nation. The machinery of government is explained as simply as may be. Suggestive and debatable questions, and topics for original work make the book interesting.

NATURE AND COMPENSATION. By Ralph Waldo Emerson, Edited by Edward W. Emerson. Paper, 114 pages, 15 cents.

SOHRAB AND RUSTUM. By Mathew Arnold. Edited by Louise Imogen Guiney. Paper, 92 pages, 15 cents. Houghton, Mifflin & Company, Boston, New York, Chicago.

Two numbers in the Riverside Literature Series, carefully edited, with biographical sketches of the authors. The one contains a number of Emerson's most thoughtful essays; the other Arnold's famous poem that has something of the Homeric about it, and a number of shorter pieces. These are some of the choice things in English, in very convenient form.

CARLYLE'S ESSAY ON BURNS. Paper, 107 pages.

Ainsworth & Company, Chicago.

One of the Lakeside Series of English Readings for High Schools. An introduction has a sketch of Carlyle and an outline of the essay. Carlyle was unsurpassed in his close analysis of character. One can better understand the lyrics of Burns after reading this masterful essay.

FIRST SPANISH READER. Cloth, 204 pages, 65 cents.

SECOND SPANISH READER. Cloth, 258 pages, 85 cents. By J. Abelardo Nunez. D. Appleton and Company, New York.

Relations with our new possessions make a knowledge of the Spanish language convenient and necessary. Schools will be established. These readers are for such schools. They are in the style of the best English school readers, made up of short, well graded lessons on familiar subjects, illustrated, with brief vocabulary and questions in English on the text.

SOCIAL PHASES OF EDUCATION IN THE SCHOOL AND THE HOME. By Samuel T. Dutton, Superintendent of Schools, Brookline, Mass. Cloth, 259 pages, \$1.25. The Macmillan Company, New York, Chicago.

A course of ten lectures delivered before Harvard, Chicago, and Boston Universities, social, science and educational associations, here collected in permanent form. The subjects are those that are receiving the attention of the foremost educators. These are discussed with freedom and frankness. The lectures are suggestive and profitable.

THE STANDARD INTERMEDIATE SCHOOL DICTIONARY. By James C. Fernald. Cloth, 533 pages. \$1. Funk & Wagnalls Co., London, New York.

Abridged from the Standard Dictionary, by the same publishers, and designed as a convenient, and not expensive, book to be placed in the hands of pupils in grades below the high school. It has been prepared with care, and gives correctly all that such a dictionary is expected to give. It contains 38,000 words and phrases and 800 illustrations. The make-up of the book is good. The habit of constant reference to such an authority, by pupils, is in itself an education.

JESUS DELANEY, A STORY OF MEXICAN LIFE. By Joseph Gordon Donnelly. Published by the Macmillan Co., New York.

It seldom happens that the first book of an author is striking for originality, either in theme or style. Conventional lines are either followed in a meritorious manner or else originality is immersed in weaknesses. Jesus Delaney is a unique character; the plot, while simple, is interesting; the style is terse, brisk and graphic. The whole deserves the credit of originality. We believe the work is Mr. Donnelly's first attempt at fiction writing. If so, he ought to continue.

THE WONDERFUL HISTORY OF PETER SCHLEMIHL. By Adelbert von Chamisso. 118 pages. Published by Ginn & Co., Boston, New York, Chicago.

Many years ago, when the writer read this remarkable work in the German text, he wondered why it had not even then found its way into the English language. The man who lost his shadow is a fascinating character, and will live in classic literature. The translation which is given in this volume is made by Frederic Henry Hedge, D.D. The work is edited, with introduction and notes, by William R. Alger. The work deserves a place in German classes.

WHAT A YOUNG WOMAN OUGHT TO KNOW. By Mary Wood-Allen, M.D., and Sylvanius Stall, D.D. Published by the Vir Publishing Co., Philadelphia. Price \$1.

This admirable little work discusses with force and plainness life's deeper meaning and higher possibilities, treating especially such facts of which young women should not be ignorant. The book is divided into three parts: The first treats of the value of the body and its hygiene; the second of special physiology and the laws of maturity; and the third of love, engagements and marriage.

The author brings to her task the training of a physician, the sympathy of a mother, and the tact of a wise and judicious writer. The work merits our hearty commendation and we would give it a conspicuous place in all libraries to which young women have access.

Books Received.

The New Century First, Second, Third, Fourth and Fifth Reader, by H. A. Perdue and F. E. LaVictoire. First Reader containing 96 pages, with illustrations; Second Reader 160 pages, with illustrations, by H. A. Perdue and F. E. LaVictoire; Third Reader contains 238 pages, with illustrations, by H. S. Tibbits, Principal, Chicago schools; Fourth Reader contains 304 pages, selected and adapted from The World's Standard Literature. Fifth Reader contains 400 pages, and is selected and adapted from The World's Standard Literature. Published by Rand, McNally & Company, New York and Chicago.

Mary Cameron. A Romance of Fisherman's Island. By Edith A. Sawyer. With a foreword by Harriet Prescott Spofford, 220 pages. Published by Benj. H. Sanborn & Co., Boston.

Ward's Letter Writing and Business Forms. Number 1, letters and bills; number 2, letters, receipts and accounts; number 3, notes, drafts and letters; number 4, business correspondence, review of business forms. Published by the American Book Company, New York, Cincinnati, Chicago.

Story of the Thirteen Colonies. By H. A. Guerber. Cloth, 342 pages, illustrated. Price 65 cents. Published by the American Book Company, New York, Cincinnati, Chicago.

Western Series of Readers, Vol. 5. Stories of our Mother Earth, by Harold W. Fairbank. Ph.D. 200 pages, illustrated. Published by Whitaker & Ray Co., San Francisco. Price 50 cents.

Second Year in German, by I. Keller. 188 pages. Published by the American Book Company New York, Cincinnati, Chicago.

French Sight Reading. A Systematic Preparation for Sight or Rapid Reading in French, By L. C. Rogers, A.B. 133 pages. Published by the American Book Company, New York, Cincinnati, Chicago.

Kenilworth. By Sir Walter Scott, Bart. Abridged and edited by Mary H. Norris, assistant professor of English Literature, Northwestern University. New York, Cincinnati, Chicago.

The Story of the Great Republic, by H. A. Guerber, author of Story of the Chosen People, Story of the Greeks, Story of the Romans, Story of the Thirteen Colonies, etc. 322 pages, illustrated. Price 65 cents. Published by the American Book Company, New York, Cincinnati, Chicago.

Lessing's Minna von Barnhelm oder Das Soldatenglück. With introduction and notes by Starr Willard Cutting, Ph.D. Published by The Macmillan Company, New York. Price 60 cents.

Life and Remains of the Rev. R. H. Quick. Edited by E. Storr. Published by The Macmillan Company, New York. Price \$1.50.

The Land of Song. Book 1, for primary grades; book 2, for lower grammar grades; book 3, for upper grammar grades; Selected by Katharine H. Shute. Edited by Larkin Dunton, LL.D., headmaster of Boston Normal School. Book 1, 192 pages, price 36 cents; book 2, 239 pages, 48 cents; book 3, 274 pages, 60 cents. Published by Silver, Burdett & Company, Boston, New York, Chicago.

School Classics. The Twelfth Book of Homer's Odyssey Edited for the use of schools, by Richard A. Minckwitz, 89 pages. Published by Ginn & Company, Boston.

Side Lights on American History, by Henry W. Elson. A. M. National Period before the Civil War. 384 pages. Published by The Macmillan Company, New York. Price 75 cents.

A History of England from the Landing of Julius Caesar to the Present Day, by H. O. Arnold-Foster. 802 pages. With about 250 illustrations. Third edition, revised. Published by Cassell & Company, Limited, New York.

Clay Modeling. A progressive course for primary and grammar grades. By Anna M. Holland. Published by Ginn & Company, Boston. Price 50 cents.

Burke on Conciliation. No. 2 in the Cambridge Literature Series. Published by Benj. H. Sanborn Co., Boston.

Hazen's Grade Spellers. The First Book. By M. W. Hazen, M. A. Published by Ginn & Company, Boston. Price 20 cents.

Original Child Stories by Sarah V. Callahan. For primary grades. Published by Peckham, Little & Co., New York.

The Study of History in Schools. Report to the American Historical Association by the Committee of Seven. Published by The Macmillan Company, New York. Price 50 cents.

Our Navy in Time of War. By Franklin Matthews. Published by D. Appleton & Company, New York.

Better World Philosophy. A Sociological Synthesis by J. Howard Moore. Published by The Ward Waugh Company, Chicago. Price \$1.00.

Child Life in Tale and Fable. A second reader by Etta Austin Blaisdell, supervisor of schools, Brockton, Mass., and Mary Francis Blaisdell. Published by The Macmillan Company, New York. Price 35 cents.

Educational Aims and Educational Values. By Paul H. Hanus, assistant professor of the History and Art of Teaching, Harvard University. Published by The Macmillan Company, New York.

Observational Geometry. By William T. Campbell, A. M. Instructor in mathematics in the Boston Latin School. Published by Harper & Brothers, New York and London.

New Plane and Solid Geometry. By Wooster Woodruff Beman, professor of mathematics in the University of Michigan and David Eugene Smith, principal of the State Normal School at Brockport, New York. Published by Ginn & Company, Boston. Price \$1.35.

Lessons in language and grammar. Book 1, by Horace B. Tarbell LL.D., and Martha Tarbell, Ph.D. 148 pages, illustrated. Published by Ginn & Company, Boston.

Quo Vadis School Boards.

(Continued from page 3)

time to those who have legitimate business with the school system. A parent, a pupil, a teacher, even a stranger, may have a claim, which the school board member is in duty bound to respect.

He is the intermediary between the school system and the public, and should be the friend of the pupil and the teacher. Holding, as he does, confidential relations to the school system, he must be willing to give a hearing to his constituency, in order to determine whether their case should be brought before a committee. An experienced member knows that many of the ordinary affairs must be adjusted without being brought before a committee, and, again, that the average teacher, pupil, or citizen may be extremely embarrassed at being obliged to go before a committee meeting. In this connection let me say that even the bookman, or supply agent, is entitled to a hearing if the board is in the market for his goods. A personal interview will sometimes bring out information regarding the goods in question which cannot be elicited in the five and ten minute speeches before committees. An agent will always discourse freely the shortcomings of his competitor's wares—shortcomings which could not be brought to light so readily in any other way. A great deal of information on a given subject can be obtained from these salesmen—who give it gratis.

The president of the school board should be at the helm. His duties and responsibilities are greater than those of the ordinary member. His guardianship over the school system not only implies wise leadership in school board transactions, it makes him the counselor and the friend of the parent, teacher and pupil. To him must be confided the many things which, if given publicity, would cause a calamity. He must relieve the strain and friction which is so common in school management, but which only a wise and considerate man of affairs can adjust. We have seen excellent school systems where the school board systems which are below the usual standard, whose school board consists of the highly stationed element.

Thus some of the leading cities in the United States are afflicted with aristocratic school boards. Usually the largest cities have intensified the aristocratic feature most. New York City, a year ago, prided itself on its reform school board, which was only about one-half the size of the former organization. Small boards and high class men was the cry. Today the most thoughtful people in New York City pronounce their reform school board a failure.

In a recent interview, Mayor Van Wyck made this statement:

"I'm going to advertise for first-class men who can and will give all their time as commissioners of education. The great trouble at the present time is that the school commissioners cannot give enough time to their duties, and the result is they know little or nothing about the detailed work of their important department."

A similar wail comes from other cities. What is the next logical step in cities where the idea of concentrated power has gained ground? The appointment of a salaried commission of three men who shall govern the school system? This suggestion has already been made, and if the paternalists are true to their creed, such a commission will be the ultimate outcome in the larger cities. The school system will then be placed on a level with the police, fire, sewerage, and sundry other departments of a city government.

In a line with this tendency is the new fad which likens a school system to a factory plant. Like the factory superintendent, the school superintendent is to employ all hands, fix all salaries, and boss the job from beginning to end. The school board is to become a sort of board

of directors, which is simply to pour over the annual reports and compute the educational dividends which may be squeezed out without smashing the educational factory plant. To this plan I simply reply that no school board's members can read the result of a school system from a superintendent's report.

To use the language of a prominent school board member: "The success of the private corporation can be measured accurately and beyond doubt in dollars and cents, while the success of a school superintendent is in developing all the inherent powers of a child and in forming his mental and moral character. There is no measure of such success or failure—no hard or fast test, the board of education cannot sit back in office chairs and read this from scholarship averages, examination marks and numbers of promotion."

In order that a board of education may reach the largest measure of usefulness and fulfill in the highest degree the sacred duty devolved upon it, the original ideas which brought it into life must prevail. It has stood the test of time, and while the changes which arise with new conditions affect only the means to an end, the principles of democracy must prevail now as it did then, not only in the school room—where one child is the equal of another—but in the school board which gives life and sustenance to the school. In order that this principle may be exerted to its highest degree of blessing, the school board must be truly representative of this community. The poor, but intelligent, mechanic should be given a place beside the rich banker, the small tradesman should be entitled to the same recognition that is accorded the prominent professional man. The board should represent the various social strata as well as political shades of a community. Its members should be in direct touch with the masses—whose throbbings of life they feel, with whom they sympathize and whose needs they realize. A proper division of duty and authority in the school board, which is numerically as well and intellectually strong enough, will never make concentrated power needful or attractive.

"The possession of unlimited power in any direction, the ability to control absolutely the pecuniary condition of a large number of people," says Mrs. Taylor, of the Cleveland board, "involved a responsibility from which any man might well shrink. Yet, observation and experience teach us that the exercise of such power has a tendency to render almost any man despotic in disposition, selfish and grasping in practice. It has been said that a wise despotism is the best government in the world, but this adjective rarely qualifies that form of government in actual practice, and Americans are loth to subscribe to the statements."

"Concentration of authority in the past has always resulted in the building up of some at the expense of the many," says President Will, of the Kansas State Agricultural College, "and the ultimate overthrow of liberty." Imperialism should be as foreign to the American public school system as it is to the genius of our form of government. Hence an imperialistic form of school government should not and cannot be tolerated. The present tendency towards concentration can end in nothing less than an educational trust—the consummation of the one-man power.

Let us adhere to the old-time idea of the genius of republicanism which gives the school to the people, who must maintain them—to the idea that a school system does not exist for self-aggrandizement of ambitious citizens, that school houses are not built for architectural ornaments, that the school board is not the stepping stone for high political honors—but that school houses, books and teachers, and, last but not least, school boards, all exist for one definite purpose—the educational welfare of the child.



A Three Hundred Mile Thirst.

ON BOARD A PULLMAN PALACE CAR.

It was a warm, sultry afternoon in early June. We had all been leisurely lounging beneath the overhanging branches of a venerable oak, close by a handsomely constructed district school, anxiously awaiting the result of an important book contest, in which our own fate, as well as that of some half dozen others, hung tremblingly in the balance, that the little episode of which we write was related.

The "old town pump," which stood close by, and which for months previous had been doing good service in quenching the thirst of a goodly number of school urchins, seemed at this particular moment to be our favorite resort, in the absence of any thing of a more exhilarating nature.

Most of us had been making good use of the sparkling liquid, for the day, as we have said, was exceedingly oppressive, when an "Old Stager," of some thirty years experience in the agency field, stepped forward, and, grasping the handle with all the vigor of a young athlete, exclaimed:

"You may talk about a lingering thirst, my young friends, with the thermometer playing up among the nineties, but 'the three hundred mile thirst,' which I and a dozen others experienced away out in the state of Iowa, during the 'Temperance Crusade,' can only be equaled by that which occasionally overtakes the weary traveler in crossing the Great Sahara.

"You see," he continued, as he gave the old pump handle one or two extra up and down movements, "it was along about the year 1884, if my memory serves me right, that the state legislature, following the trend of other states, passed an act requiring the subject of physiology and hygiene to be taught in all the schools; and this, of course, gave the eastern publishers a splendid opportunity to seek a new and hitherto unexplored field for their enormous publications on this important subject, which, along about this time, were considered a new departure in the line of modern text books.

"Now, while there was a large number of young, enthusiastic agents, anxious and willing to make the journey into that far-away state, for the pleasure it might have afforded them," resumed our genial narrator, after he had finished catering to our immediate wants, "it was considered best to confine the number to such old 'reliables' as were possessed of sufficient power of endurance to withstand the effects of the prohibitory conditions, known to be in force in every part of the state. However, on a perfect May morning, we all met by appointment in a leading hotel of one of the principal cities of the state, ready to map out the three months' work which it was our special duty to perform.

"For a week or more, with the wretched condition of the water of the Cedar river, and the peculiar, amiasmatic-atmospheric conditions of the surrounding country, we all managed to exist on the flowing contents of the numerous soda-fountains, scattered here and there throughout the city. But there came a time, my young friends," he added, with a broad smile and a sly wink of his off eye, "when it became evident that a physician's prescription was the one indispensable remedy for the numerous ills with which most of our little party had become,

at least temporarily, afflicted. For a time these recipes were recognized by the various druggists, with whom our professional friend was personally familiar; but later on they were ignored on the ground of expediency and self-preservation. Here, indeed, we now found ourselves in a dilemma, from which it was difficult to extricate ourselves. We were now compelled to fall back on the generosity of the landlord, a jolly, sympathetic soul, who, to relieve our distress, and at the same time to even up with the legal authorities, who had placed an embargo on his trade, started out on a 'smuggling expedition;' but, strange as it may seem, he, too, was at last compelled to relinquish his efforts in our behalf by the strong arm of the law.

"By this time things began to assume rather a serious aspect, I can assure you, my incredulous young friends," he grimly continued, as the smoke of his second fragrant Havana came in graceful circles around about our heads; "and if it hadn't been for an unforeseen circumstance, the probability is we should all have fallen victims to malarial fever or an Iowa cyclone, which at that moment were prevailing to an alarming extent, owing to the natural conditions of the country, and the perversity of the members of the previous legislature. It so happened that along about this time a coterie of western agents, hale, hardy, indefatigable workers, and not over-scrupulous as to the 'eternal fitness of things,' were added to our number. At the head of this delegation of sun-burnt veterans, with headquarters at Chicago, was one known to all the western book world as Uncle Jonathan, as genial and open-hearted a co-worker as ever criticized a rival's text book. As Uncle Jonathan was the very soul of wit and good humor, he at once threw around us a halo of good cheer and sunshine. Of course, what the 'eastern boys' failed to accomplish in the way of a direct panacea for their numerous ills, he stood ready to undertake with the utmost confidence in his own ability to succeed. But he, too, was not long in making the discovery that the prohibitory laws of Iowa were not to be trampled upon with impunity.

"At last, at the end of the first month, as the boys began to gather in from various sections of the state, weary and careworn from the ups and downs of the exceedingly temperate life they were living, in their endeavor to impress upon the average Iowa school board the importance of the subject of physiology and hygiene as one of the most important subjects of the school curriculum, it became evident to us all that a conference should be held without further delay, in order to determine our best course of procedure.

"By unanimous consent, our recently discovered practitioner was again summoned for consultation and friendly advice. To use his own words, he had openly opposed the law as against public policy and the rights and privileges of free citizenship. Again, from a humanitarian standpoint, he argued that an occasional nip was not only wholesome, but, at the same time, absolutely necessary to active agency work. To which we all with one accord agreed. At last, after further deliberation, it was unanimously resolved to resort to the 'act of importation,' and accordingly a noted Pittsburgh dealer was written to forward immediately one case of 'Old Monongahela.'

"Imagine our surprise when, a few days later, a message was received, saying: 'Transportation into the state positively prohibited. Have expressed same to the city of Omaha, Neb.' Here, indeed, was another unlooked for contingency, which only tended to increase our inherent thirst, which by this time had become startling in the extreme. It was at first suggested that the doctor be appointed a committee of one to visit the city of Omaha for the pur-

pose of bringing back the coveted prize, but this in the end was deemed inadvisable, for the good and sufficient reason that he might be arrested for smuggling. On the other hand, a dozen bottles, divided among as many thirsty souls, might tend to disarm public criticism.

"This latter proposition, being the one that appealed with greater force, we at once determined to set out forthwith on the 8 p. m. fast express, on our three hundred mile thirst, for the distant city.

"With belated countenances, and parched tongues, on the early morning following we might have been seen marching through the principal streets of the city, with Uncle Jonathan in the lead and little Van of the highlands of Jersey bringing up the rear.

"A few hours later, and we were homeward bound, with the case of shining liquid well stored in a secluded section of the Pullman sleeper.

"And a goodly number of book men lingering by the wayside," chimed in one of our number, as he took in the situation. "Not by any means," came the quick retort of our jolly, good-natured knight of the road. "You see, 'twas along about 'turning-in-time' that we concluded to test the quality of the article, when, to our utter astonishment, we discovered that what we had supposed was a case of genuine 'Old Monongahela,' was nothing more nor less than the same quantity of apollinaris.

"A set-up job by the Pittsburgh liquor dealer? Well, we all thought so at the time, and for some days thereafter; but it was all a mistake, brought about through our own stupidity. You see, the dealer, as a matter of precaution, took occasion to send a case of each—the one, I presume, to neutralize the effects of the other. At all events, while we all got left by overlooking the important object of our three hundred mile thirst, we managed to even up things pretty well on our medical friend, whom we felt pretty sure would be in waiting on our arrival at the station.

"And, sure enough, as we landed, along about 2 A. M., there, in one corner of the station, stood, not only the doctor, but fully a dozen others, among the number being the mayor of the city, a number of councilmen and other noted personages.

"When each in turn caught a glimpse of what they supposed was the straight, unadulterated article, and a moment later slipped a bottle under his coat, marching off through some secluded byway to enjoy and gratify a long-existing thirst, we all felt that we had been amply repaid for the loss of time as well as of money.

"But I want to say, in conclusion, my young friends," observed our reminiscent narrator, as he arose to answer a call by the secretary of the board, "that a madder set of chaps you've never seen in all your born days than were these most worthy citizens when they discovered, to their utter disgust, the outrage which they declared had been perpetrated upon their unsuspecting nature.

"It is safe to surmise," was the parting salute of our old friend, as he stepped within the open doorway, "that the doctor's prescriptions thereafter were few and far between; and our stay in the old town of short duration."

Richard Hardy, late superintendent of Ishpeming, Mich., is now representing the Prang Educational Co. in the northwest.

Nashville, Tenn. The following bookmen represented their firms before the state text book commission, which recently held its first session: Messrs. Cawkins, of Ginn & Co.; Smythe, of D. C. Heath & Co.; Roberts, of Lippincott & Co.; Pace, of Maynard, Merrill & Co.; Louis, of the American Book Co., and B. F. Johnson and Miss Scott, of the Times Publishing Co.

Moore Manufacturing Co.

SPRINGFIELD, MO., U. S. A.

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SCHOOL FURNITURE.

For the Season of 1899 We Have Doubled Our Floor Space.

Every foot of lumber used by us comes direct from the stump.
There are no better goods than we make.
Best material, best construction.
Our desks cost less to maintain than any other desk made.
Those who buy direct from us pay but ONE reasonable profit.
If our goods are not as represented, ship them back at our cost.
We replace defective pieces without limit as to time.

TRY US!

Globes, Maps, Blackboards, a Full Line of Supplies at Very Low Prices.

The Rand, McNally Excursion to Mr. Andrew McNally's California Home.

FRUITS, FLOWERS, REFRESHMENTS, SPEECHES.

One of the most pleasing instances of generous entertainment during the meeting of the National Educational Association was provided by Mr. Andrew McNally, of the firm of Rand, McNally & Co., Chicago.

In order to give the teachers, of Illinois particularly, with the national officers, some idea of a California home in the country, a special train was chartered by Mr. Fred McNally, vice-president of the firm. Assisted by Mr. E. E. Smith, manager of the educational department, and by Mr. R. H. Allin, of the map and globe department, some five or six hundred teachers were carried to the home of Mr. McNally, at Altadena, were shown through the beautiful and spacious grounds (comprising some 200 acres), and were bountifully supplied with refreshments served under the shade of the trees. The guests were generously permitted to pluck the fruit— oranges, lemons, figs, apricots—and to gather the flowers, which grew in the greatest profusion. Among the growths of greatest interest were camphor and India rubber trees, the lotus, the papyrus, the water lilies, the date-palm, etc.

Among the guests were National President and Mrs. Oram Lyte, of Pennsylvania; National Treasurer and Mrs. I. C. McNeill, of Superior, Wis.; National Director A. G. Lane, wife and daughters, of Chicago; President J. K. Powers, of the Alabama State University; Supt. J. L. Holloway, Fort Smith, Ark.; Hon. C. I. Branan, Atlanta, Ga.; Miss Estelle Reel, commissioner Indian schools; Supt. A. L. Nightingale, Chicago; Mr. Ossian Lang, of the New York School Journal; Mr. E. O. Vaile and daughter, of Oak Park, Ill.; Mr. H. Goldberger, the Teachers' Magazine, New York; Prof. L. S. Thompson, Jersey City, N. J.; Dr. E. E. White, Columbus, O.; Supt. J. P. Hendricks, Butte, Mont.; Mrs. Helen Greenfell, state superintendent, Denver, Colo.; Mr. Wm. Geo. Bruce, of Milwaukee, Wis.

The teachers returned to Los Angeles loaded with fruits and flowers. They gained conceptions of California life impossible to have been obtained otherwise, and all were grateful to the

firm of Rand, McNally & Co., and to the special efforts made by Mr. Fred McNally in person to render their outing enjoyable in every way.

Hinds & Noble, of New York, have purchased the plates and will publish immediately new revised editions of Sherrill's new normal question book, \$1.50; Henry's new high school question book, \$1.50; Sherrill's normal reader, \$1.25; Lind's best methods of teaching in country schools, \$1.25; Jeffer's shortest road to Caesar, 75 cents.

Fall River, Mass. The board favors home talent for teachers' positions.

Freeport, Ill. An effort is being made to have established, in connection with the public schools, a class for the education of deaf mutes.

The contract for furnishing ink to the schools of Chicago has been awarded to J. M. Olcott & Co.; also the contract for furnishing black-board pointers.

Washington, Ind. J. M. Olcott & Co. received the entire order for general school supplies.



IF IT IS

THE CHANDLER,

IT IS

THE BEST.

Adjustable school desks are no longer an experiment but in actual school-room use have demonstrated their usefulness and superiority.

Almost any kind of an adjustable desk is superior to the old fashioned non-adjustable combined desk and seat, but the Chandler towers above them all. It is the model which all others try to imitate, but none have ever been able to produce anything that begins to approach it in general excellence. Thousands of Chandler Adjustable Desks in use are daily demonstrating the need of adjustable desks and the superiority of the Chandler above all others.

YOU CAN DEPEND ON IT

that this is the best school desk on the market. If you have never used adjustable desks, and as a consequence are a stranger to their merits, investigate the Chandler.

Read the testimony of those who have used them. Give them a trial and you will wonder why any other kind of desks are used.

Mail us your address and let us send you printed matter. The Chandler Adjustable Desks are manufactured at the

Chandler Adjustable Chair & Desk Works,

Office: 165 Devonshire St., BOSTON, MASS.

Factory: Walpole, Mass.



Sales Agents Wanted!

Men and Women make \$50 to \$200 every month selling our Gents and Ladies' Waterproof Mackintoshes or Rain Coats. WE SELL MEN'S MACKINTOSHES in all styles at \$1.00 to \$4.75. LADIES' MACKINTOSHES AND WATERPROOF DRESS SKIRTS and CAPES at \$2.00 to \$6.00.

YOU (man or woman) can make \$5.00 every day taking orders for these garments. At your low prices, everyone will order from you, for no one can meet your prices.

WE WANT ONE AGENT (man or woman) in every city and county in the United States.

No experience necessary, no capital required. We furnish a BIG BOOK of Mackintosh Cloth Samples, fashion figures, your name on rubber stamp, tape measure, business cards, order blank, stationery, etc. Everything complete for doing business.

We are the LARGEST DEALERS in America in Men's and Women's Waterproof Mackintoshes and we sell them at the lowest prices ever known, and exclusively through regularly

appointed men and women agents, who make \$50.00 to \$200.00 every month at the work.

Cut this notice out and send to us. State the territory you wish to work in. Say in your letter you will give this work

an immediate trial of at least 10 DAYS, and we will immediately

SEND YOU FREE OUR SALESMAN'S COMPLETE OUTFIT on the following easy conditions. Each outfit costs us nearly \$2.00, for it is made very complete to insure immediate success for the agent. The outfit consists of one

handsome heavy cloth bound book, 10x7x2 inches, containing a complete assortment of large samples of our entire line of

men's and women's mackintoshes, also handsome large fashion figures, etc., one confidential price and instruction

book, one tape measure, one rubber stamp with your name and pad, business cards, order blank, stationery, etc.

WE MAKE NO CHARGE FOR THIS OUTFIT, but as a guarantee of good faith on your part and to protect us

against those who would order outfits (which cost us nearly \$2.00) out of curiosity or just to get the cloth samples,

we require everyone, after receiving the outfit at the express office, to pay as a temporary deposit 50 cents and express

charges, and we will return the 50 cents with your first order. Understand we will send you the complete outfit

by express C. O. D., subject to examination, you to examine the outfit at your express office and if found perfectly

satisfactory and you are convinced you can make money taking orders, pay the express agent 50c and express charges,

we to return your 50c with your first order.

START TO WORK AT ONCE. You need no money; show the samples, take the orders at your own price,

adding a good profit for yourself; we will fill your orders daily, send the mackintoshes to your customers C. O. D., subject to examination, collect your full selling price and weekly send you in cash your

full profit. In other work is so simple. Money can't be made easier. Any man or woman anywhere can make \$5.00 every

day. Our book of instructions makes everything so plain that anyone can do the work at once and be sure of big

wages from the start. Cut this notice out and send to us today saying you will give it 10 days' trial. YOU WILL NEVER

REGRET IT. Nearly everyone sends the 50 cents with their application. We refer to Metropolitan National Bank or any Express

Co. in Chicago. Address, DUNDEE RUBBER CORPORATION, 184 Fulton St., Chicago.

SEND ONE DOLLAR

CUT THIS AD OUT and send to us, and if you subject to examination. You can examine it at your freight depot, and if found PERFECTLY SATISFACTORY, EXACTLY AS REPRESENTED, EQUAL TO BUGGIES THAT RETAIL AT \$600.00 to \$75.00 and the GRANDEST BARGAIN YOU EVER SAW, pay the freight agent OUR SPECIAL PRICE, \$38.90, and freight charges, less the \$1.00 sent with order.

WE MAKE THIS TOP BUGGY IN OUR OWN FACTORY IN CHICAGO, from better material than most

makers put in \$75.00 buggies. Latest style for 1899. Body, 24x34 from the Best Seasoned Wood. Gear, Best That Money Can

Build. End Springs, as illustrated, or Brewster Side Bar. Wheels, High Grade Screwed Rim Sarven's Patent. Top, 24 ounce, Daily

Rubber Heavily lined, full side and back curtains. Paints, guaranteed equal to any \$150.00 buggy work. Body black; Gear, dark green or Red. Upholstering, heavy green French body cloth or Keas's Leather.

\$38.90 IS OUR SPECIAL PRICE for top buggy complete, wide or narrow track, full length side and back curtains, storm

springs, carpet, wrench, anti-rattlers and shafts. GUARANTEED TWO YEARS will last a lifetime. For Buggies at \$15.95 and

and up, WRITE FOR FREE BUGGY CATALOGUE. YOU CAN MAKE \$500.00 This Year Selling OUR \$38.90

BUGGIES. ORDER ONE TODAY, YOU CAN SELL IT FOR \$60.00. DON'T DELAY.

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Is your occupation irksome to you? Have you the ambition to do better things but not the opportunity? Our method creates for you just the opportunity you are seeking. Any one who can read and write, and is within the reach of a post office, can qualify by mail for another profession and a successful career.

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Buy of the manufacturer direct; save discounts.

FLAGS FOR SCHOOLS.

Best American Bunting. Lowest prices in the U.S.

2x3 ft.	\$.75	8x15 ft.	\$7.00
2 1/2 x 4	1.05	8x16	7.90
3x5	1.60	9x15	8.70
3x6	1.90	10x15	9.20
4x6	2.22	9x18	10.25
4x7	2.45	10x18	10.85
4x8	2.75	10x20	11.90
5x8	3.10	12x20	14.20
5x10	3.75	12x25	17.55
6x9	3.87	15x25	21.00
6x10	4.25	15x30	25.00
6x12	5.00	20x30	33.00
7x12	5.60	20x36	39.00
7x14	6.50	20x40	43.75
8x12	6.25	26x40	56.00

5 per cent. discount when cash accompanies the order.

Mention School Board Journal.

J. A. JOEL & CO., 88 NASSAU ST., N.Y.

Notice to the Trade.

The answer of the Holly Silicate Slate Co. to the complaint of infringement upon certain alleged patents, trade-marks, copyrights, etc., is a denial, general and specific, as a whole and in detail, of all that is charged as unauthorized in law and in right. We are advised by eminent counsel that no cause of action is shown in the papers served on us, and that the evident and sole purpose of the proceeding is to try to frighten the trade from placing orders with us. Any such expectation is a reflection upon the common sense of a body of business men whose average of intelligence is very high.

A single one of our customers in this city has taken goods from us to the amount of nearly \$20,000 since January 1. Our competitors know this fact, but we do not hear of any proceeding against this customer. This is an added indication that there is no good faith in the complaint against us. No customer need feel the slightest fear of being involved in any way through dealing with us.

Our rights are absolute and our customers can rely upon the fullest protection against annoyances of all kinds in connection with these alleged infringements. Our Mr. Henry W. Holly was the inventor and patentee of all the silicate formulas. He knows more about the business than any other man living, and that is why our goods are the best on the market.

It would be easy to enumerate the six or more points in our defense that are fatal to the case of our assailants, but our counsel, McCurdy & Yard, disapprove of trying law cases in the public prints, because they have entire confidence of success in the courts. We guarantee protection to our customers, and we await with eagerness and impatience our day in court.

THE HOLLY SILICATE SLATE CO.,

C. L. COLES,
Per E. T.

Naturally.

Teacher—What city has the largest floating population?
Mickey—Cork.



FREE An excellent picture of Longfellow—suitable for framing—will be mailed without cost to anyone writing for prices on any of the following goods which they will have occasion to purchase:
School Furniture, School Supplies, Kindergarten Goods, Philosophical Apparatus, Office Furniture.
E.W.A. ROWLES, 177-179 Monroe St.
(Mention this paper.) CHICAGO, ILL.

"UPSIDE DOWN."



Our little book of rote songs, "MELODIA: School and Home Melodies for Little Children," has turned certain people upside down, for they were wrong side up in the matter of proper musical instruction for pupils in the primary grades of our schools.

Our advertisements heretofore have given particulars of MELODIA being adopted by Boards of Education in cities like New York, Toledo, Erie and other centres. Since then the boards of school commissioners in Montgomery and other counties in Maryland, and in Illinois, Pennsylvania and New York States have adopted MELODIA for use by the pupils in district schools. (You know, of course, that MELODIA is a pupil's book. Later we will publish a book for adults, but the present work is a little book of original nature, waltz and march songs for children.)

We want a good live teacher in every county of every state, to introduce MELODIA. Liberal arrangements and exclusive field for operations will be made with those who can satisfy us that they are capable of organizing the work and getting definite results.

Remember, we have the other fellows upside down. Single copies of MELODIA will be sent, prepaid, to teachers and school officers, for examination, on receipt of introduction price, 32 cents. We have abandoned the small sized MELODIA form, and now supply the large book, with additions and revisions, at same price as formerly charged for small book.

Sample pages and particulars on request.

THE "MELODIA" COMPANY
PUBLISHERS
63 FIFTH AVE. NEW YORK

Young men of good character wanted to LEARN TELEGRAPHY, R. R. Bookkeeping and Typewriting. This is endorsed by railway officials as the most systematic and only perfect institution of its kind in the United States. We assist all graduates to a position. No vacations. WE PAY TEACHERS A COMMISSION OF TEN DOLLARS for every student entering this school through their influence. Catalogue free.

THE MORSE SCHOOL OF TELEGRAPHY,
OSHKOSH, WISCONSIN.

\$4.95 SUIT.

SEND NO MONEY

Cut this ad. out and send to us, say COLOR, WASTE, state your Height, Weight, Number Inches Around Body at Bust, at Waist and Length of Skirt from Waist to bottom in front, and we will send you THIS FINE TAILOR MADE SUIT by express C. O. D. subject to examination, you can examine it at your express office and if found perfectly satisfactory, exactly as represented, A PERFECT FIT, such a stylish dress as you could not get in your town, and WORTH TWICE AS MUCH as suits advertised by others at about our price, pay your express agent

OUR SPECIAL OFFER PRICE, \$4.95 and express charges.

THIS SUIT is made from a CLOTH, in either Black, Navy Blue or Brown, cut in the Latest Style for 1899 by EXPERT CUTTERS from a Genuine Tailor Model, fine tailor made throughout. If you don't find this suit has a distinctiveness in STYLE, FIT, GRACEFUL SHAPE, MATERIAL, WORKMANSHIP and FINISH, not to be had elsewhere, return it at our expense.

SKIRT is very full sweep, lined with fancy Percaleine, bottom bound with Mohair Braid Skirt Binding, fancy strap trimming in front, back is handsomely finished with neat buttons and Cane Cording, and welled seams in back.

JACKET is one of the Handsomest Shows This Season, single breasted, tight fitting back, lined sleeves, lined with Genuine Sealrill, handsomely trimmed and finished.

BEWARE OF IMITATORS who copy our advertisements and promise you goods like ours. Write to friends in Chicago and learn who are reliable, and who are not, ask your neighbors, ask any one about us. Write for Free catalogue of Ladies' and Children's Clothing. Address.

SEARS, ROEBUCK & CO., Chicago.

HAIR SWITCH 65 CENTS.

WE SELL HUMAN HAIR SWITCHES to match any hair at from 65c to \$3.25, the equal of switches that retail at \$2.00 to \$6.00.

OUR OFFER: Cut this ad. out and send to us, inclose a good sized sample of the exact shade wanted, and cut it out as near the roots as possible, inclose our special price quoted and 6 cents extra to pay postage, and we will make the switch to match your hair exact, and send to you by mail, postpaid, and if you are not perfectly satisfied, return it and we will immediately refund your money.

Our Special Offer Price as follows: 2-oz. switch, 30-in. long, long stem, 65c; short stem, 90c; 2-oz. 25-in. long, short stem, \$1.25; 3-oz. 25-in. long, short stem, \$1.50; 3-oz. 24-in. long, short stem, \$2.25; 3 1/2-oz. 26-in. long, short stem, \$3.25. WE GUARANTEE OUR WORK the highest grade on the market. Order at once and get these special prices. Your money returned if you are not pleased. Write for Free Catalogue of Hair Goods. Address.

SEARS, ROEBUCK & CO. (Inc.) Chicago.
(Sears, Roebuck & Co. are thoroughly reliable.—Editor.)

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OUR \$2.45 WATCH is gentle's full 18-size **Hunting Case or Better Black and Steel** proof Open Face, stem wind and set, gold plated, handsomely engraved and polished, looks like a high-grade gold filled and is a great trading watch, movement is a nickel 7-jeweled stem wind American, warranted, and a good time-keeper. For Watches from 98 cents up, gold-filled watches \$2.75 and up, write for free Watch and Jewelry Catalogue.

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(Sears, Roebuck & Co. are thoroughly reliable.—Editor.)

\$2.50 TAN COAT.

COVERT

A STYLISH SPRING, SUMMER and FALL OVERCOAT and a WATERPROOF RAINCOAT IN ONE. **SEND NO MONEY**, cut this ad. out and send to us, state your Height and Weight, state number inches around body at Breast taken over coat, close up under arms, and we will send you this coat by express, C. O. D. subject to examination. Examine and try it on at your nearest express office, and if found exactly as represented, the most wonderful value you ever saw or heard of and equal to any coat you can buy for \$5.00, pay the express agent our **SPECIAL OFFER PRICE, \$2.50**, and express charges.

THIS HANDSOME COAT is made from a genuine HAINSEL plain medium TAN COVERT ENGLISH WATERPROOF CLOTH, lined with a fancy plaid Hainsel waterproof lining, vulcanized by the celebrated Salk process, with the best English rubber compound to make it waterproof. IT IS A PERFECT, HANDSOME WATERPROOF MACKINTOSH COAT, and cut short and made single breasted, fly front, makes a very stylish overcoat for Spring, Summer and Fall. Whitelined and vulcanized for a waterproof Mackintosh, worn as an overcoat, no one can tell it from the most stylish \$20.00 Spring Overcoat. Fine Tailor Made, latest style for 1899, fly front, correct overcoat length, velvet collar, sanitary arm fittings. **ORDER TODAY.** Don't delay. For Free Cloth Samples of everything in men's tailoring suits, from \$5.50 up, write for Free Book No. 58. Address, **SEARS, ROEBUCK & CO. (Inc.) CHICAGO.**

Waterproof Dress Skirt \$1.50

FOR \$1.50 we furnish the new latest style adjustable waterproof Mackintosh DRESS SKIRT. For \$1.50 we furnish a **DOUBLE DETACHABLE** waterproof Mackintosh, cape to match. These garments are made from a genuine Beely English Serge waterproof cloth, in either plain black or dark navy blue, lined with a Beely fancy plaid waterproof lining, vulcanized by the best known process, with the celebrated Salk's English Rubber Compound.

SKIRT is made adjustable at waist, buttons down the side, buttons concealed by a deep fly. Skirt can be worn over another suit or in place of regular skirt, skirt and cape can be worn separately or together, avoiding the weight or overheating of a ONE-PIECE MACKINTOSH.

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For free Cloth Samples, Fashion Figures, Tape Measure, Order Blanks, etc., write for Free Sample Book No. 10E. Address, **SEARS, ROEBUCK & CO., Chicago.**
(Sears, Roebuck & Co. are thoroughly reliable.—Editor.)

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Cut this ad. out and send to us, state number inches across top of your buggy seat in front, from outside to outside, and we will send you this Buggy Top by freight C. O. D. subject to examination. You can examine it at your freight depot, and if found perfectly satisfactory, the greatest bargain you ever saw, and equal to tops that retail at \$15.00, pay the freight agent our special price, **\$6.80**, less the \$1.00, or **\$5.80** and freight charges. The freight charges will average about 30c. for 500 miles.

THESE TOPS ARE BUILT TO FIT ANY BUGGY OR ROAD WAGON. You can fit them in 30 minutes. Made from 34-oz. best rubber drill, head and back stays lined with No. 14X cloth, side curtains unlined, 3 or 4 black japanned steel bows, japanned prop nuts, wrought iron shifting rail, patent buttons, which makes it adjustable; full length back curtain with glass window, valance front and rear. **3,000 WILL BE SOLD AT \$6.80.** Order to-day. **WRITE FOR FREE BUGGY CATALOGUE.** Address, **SEARS, ROEBUCK & CO. (Inc.) CHICAGO, ILL.**
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EAGLE PENCIL COMPANY, - New York.

A Successful Convention.

(Continued from page 4.)

was Miss Mae Orr, the expert stenographer. She is said to be the world's champion.

The firm of Bausch & Lomb, of Rochester, N. Y., was represented in a fine display of scientific apparatus. Chas. C. Riedy, agent of San Francisco, was in charge.

The A. L. Robbins Co., of Chicago, was in evidence with a neat display. Mr. Robbins, who generally attends the N. E. A. meetings, was not present. Yet able people were in charge to give information on scientific school apparatus.

The Holden patent book cover, as it always is at large educational gatherings. Mr. W. C. Holden and Miles Holden, who always stir up things by good advertising, were absent. The Holden goods were, however, shown in advantageous form and attracted many visitors.

H. S. Sook & Son, of Los Angeles, displayed some artificial slating of which they are the manufacturers. The slating is greenish in color.

The Estabrook Steel Pen Co., of Camden, N. J., were represented by Lazarus & Melzer, of San Francisco. The display was an interesting one.

C. F. Weber & Co., who have the largest school supply business on the Pacific Coast, had an important exhibit of their goods. This firm has headquarters at San Francisco, Los Angeles, Portland, Ore., and Chicago.

The Central School Supply Co., of Chicago,

by C. W. Bardeen, Syracuse, N. Y. Cloth, 16mo, 109 pages. Price \$1.

The dictionary contains a list of university degrees which have been or are now conferred upon successful graduates in the various institutions of higher learning throughout the world. It is merely explanatory of the meaning of each degree. No attempt has been made to go in detail, by giving the history of each degree.

F. L.

KENILWORTH. By Sir Walter Scott, Bart. Abridged and Edited by Mary H. Norris. Published by the American Book Co., New York, Cincinnati and Chicago. Price 50 cents.

One of the most delightful of Sir Walter Scott's historical romances is here given in a form suitable for school or home reading. Kenilworth is well adapted for this purpose, as it represents one of the best examples of the author's charming style and at the same time gives a vivid word picture of some of the notable scenes and personages in English history.

PRACTICAL AGRICULTURE. By Charles C. James, M.A., Deputy Minister of Agriculture for Ontario. American edition by John Craig, Iowa Agricultural College. Cloth, 203 pages. 80 cents. D. Appleton & Co., New York, Chicago.

A brief book setting forth the first principles of the sciences that can be applied to agriculture. It treats of the products of the field, the

was represented by Geo. O. Wentworth, who also visited a number of the surrounding cities in the interest of his firm. Mr. Wentworth was accompanied by his son.

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\$8.25, \$11.75, \$16.95 and \$19.75 is our price for lower grades. All new 1899 Models. No old models, no second-hand wheels. For full particulars write for **FREE BICYCLE CATALOGUE**.

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The most agreeable and effective remedy for relieving Languor and Exhaustion, so common in the spring and summer months. Its nutrient and tonic effects give tone and vigor to the entire system.

Taken before retiring it quiets the nerves and induces refreshing sleep.

For sale by all Druggists.

The school superintendent stood before a class thinking he would get a few original ideas from his young hearers. "Children," said he, "I want some of you to tell me what I shall talk to you about. What shall I say?" There was no response. "That bright little fellow over there," said he, pointing to a youngster on a back seat, "what shall I say?"

In a little, piping voice came the answer, "Say nothing and sit down."

"Of course," said the new member of the board, "you always look at both sides of a question before you decide."

"Well," answered the older member, "I don't put it exactly that way. I usually endeavor to allow myself to be seen by both sides."



A Jewel.

Father—Who is the best writer in your class, Bobby?

Bobby—Jack Bulger. He writes the excuses for every feller in the class.—Judge.

Triftiger Grund.
„Weshalb sprechen Sie immer nur zur Frau Mutter, niemals zum Herrn Vater von Ihrem colossalen Fleiße beim Studium?“
Studiosus: „Hm... Wissen Sie, Papa hat eben auch studirt.“

Aus der Schule.
Lehrer: „Nenne mir einige Steigerungswörter.“

Schüler (Auktionator-ohn): „Zum Ersten, zum Zweiten, zum Dritten und—Fertig!“

"Who do you think is greater," said the earnest young woman who is studying music; "the person who creates a great work or the person who interprets it?"

"Well," answered Colonel Stilwell, "I can only say this much: When I was in the legislature we could get up all kinds of acts; but we never knew just what was in 'em till after the lawyers took hold of 'em in the regular course of business."

"Are two heads better than one?" asked the teacher.

"Sure," answered the boy.

"How do you know?"

"Because when pop and mom get their heads together I ain't in it at all."

"Come here, you reptile," shouted the eight-year-old to his baby sister.

"You wicked boy," exclaimed the mother.

"Nuthin' wicked about it, mamma. Teacher says that reptiles is animals what creeps."

"Say," said the farmer's wife, "I hear your old man ain't doing nothing nowadays but read poetry books and stories."

"I don't care if he ain't," said the other farmer's wife, incensed at the implication of indolence. "He has to study up his dialect to get ready to talk to the summer boarders."

Professor (examining subject)—Now, this bump bespeaks combativeness—combativeness unusually developed.

Subject—You've struck it this time, professor; that's where my wife hit me last night with a bed-slat.

The following lines shows opposition to modern methods of education: "In my day the solid things were good enough, Mr. Editor, for all of us—reading, writing and arithmetic, sir; this new-fangled teaching makes me sick."

"And what do you call the little brother that the doctor left last week at your house?" inquired Johnny's teacher as the small boy appeared at school.

"We hain't give him any reg'lar name yet. Pa calls him a little pink bunch of yell," was the response.

Miss Thirtyodd (cooly)—How old should you judge me to be, professor?

Prof. Deeplore—Why, really, Miss Thirtyodd, I am not a ladies' man, you know. I am only a specialist in Egyptian parchments and Aztec pottery.

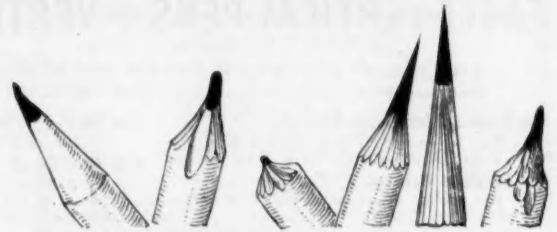
Little Elmer—Pa, we had to learn about Molière in school to-day.

Pa—Molière? Who's he?

Little Elmer—Why, don't you know? He was a great French play-writer.

Points for Summer!

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A Note Book will be sent to any teacher that asks us for it.

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A Rough Guess.

Teacher—Why was Wellington called the iron duke?

Scholar—Well—er—I—er—s'pose he had a "duke" sumthin' like Jim Jeffries.—Judge.

Pa—I guess it's a mistake about him bein' great. I ain't never heard about no Chicago man who wrote his plays for him.

Sixth Grade Teacher—Our principal grows smaller every day.

Fifth Grade Teacher—I should think he would. The women members of the board of education are sitting on him so often.

A teacher in an eastern town while lecturing to her class on hygiene, gave especial lucidity to her remarks, when she came to warning the little girls, years in advance of any practical need, of the dangers of tight lacing.

One of the little girls, whose home surroundings are of the sort in which ease rather than elegance of expression is sought, listened with profound respect.

"Now, Margaret," the teacher said, "you may see how well you remember what I have said about tight lacing, and tell us why it is injurious."

There was no response.

"I mean you, Maggie," the teacher added, and the girl jumped to her feet as she recognized the more familiar name.

"Tight lacing, ma'am, is injurious, ma'am—She hesitated, and the teacher smiled encouragingly, and said, "Go on."

"'Cos, ma'am, it's liable to twist yer slats."

The Girl—"Are you a Yale or Harvard man?"

The Young Man—"Neither. I got my education in Wall street, but I often think it would have been cheaper for me to have gone through college."

Old Bonder—"Perhaps so, young man, but them useful educations cost something."

TEACHER—"You have named all domestic animals save one. It has bristly hair, it is filthy, likes dirt and is fond of mud. Well, Tom?"

Tom (shamefacedly)—"That's me."

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CHICAGO.

Among Bookmen.

T. W. Bevan, who represents Butler, Sheldon & Co., has decided to make his family home at Syracuse, N. Y.

E. M. Pace, the southern representative of Maynard, Merrill & Co., was wedded the first of last month to Miss Kate Knox, of Thompson, Ga. We wish the young couple much joy.

The T. P. A. News Letter of St. Louis, a traveling men's journal, contains on its front cover page a fine half-tone portrait of Lucien V. La Taste, of Montgomery, Ala., president of the Traveler's Protective Association of America. Mr. La Taste is the southern agent for the University Publishing Co., of New York.

Colonel John A. M. Passmore, the well-known representative of the American Book Co. in Pennsylvania, was unanimously chosen president of the Pennsylvania State Teachers' Association at its meeting in Gettysburg, Pa. He was chosen unanimously and without an attempt at opposition.

Colonel Passmore has been long and favorably known in Pennsylvania school work. After graduating at the Pennsylvania state normal school at Millersville (scientific course), he accepted a position in Pottsville, Pa., where he taught with marked success for a number of years. He resigned because of ill health and a business offer that permitted more outdoor exercise than the school room. In this venture he met with his usual success.

Later, D. Appleton & Co. offered him their Pennsylvania general agency. This was congenial work, for it was school business. His company found it meant business from the Delaware to the Ohio border. When the school book business of this company was transferred to the American Book Co., Colonel Passmore was retained and has been identified with the latter company ever since, and now has charge of their Philadelphia office and directs its work in Eastern Pennsylvania.

The treasures of the private collections of the city of Boston have recently been augmented through the acquisition by Mr. D. C. Heath, the well-known publisher of that city, of the library of children's books and educational works issued by the House of Newberry from 1740 to 1800, which was brought together by Mr. Charles Welsh when he was writing the biography of John Newberry, Oliver Goldsmith's friend and publisher, and the founder of the famous publishing house which for nearly 150 years was at the corner of St. Paul's churchyard, London. These are the books to which Washington Irving referred in his preface to Bracebridge Hall when he said:

"Nor was it without a recurrence of childish interest, that I first peeped into Mr. Newberry's shop, in St. Paul's church-yard, that fountain-head of literature. Mr. Newberry was the first

that ever filled my infant mind with the idea of a great and good man. He published all the picture books of the day; and, out of his abundant love for children, he charged 'nothing for either paper or print, and only a penny-half penny for the binding!'"

At the end of his "Bookseller of the last Century," Mr. Welsh brought together a catalogue of the chief publications of the House of Newberry, which is of immense value to the bibliographer, the student of books for children and of the educational literature of the last century. Many of the little books there enumerated have disappeared entirely, for nothing vanished so completely as the children's books of by-gone times, which were thumbed until they were worn out and useless. But the collection which Mr. Heath has acquired and which is now being catalogued and arranged is as fully representative as any collection is ever likely to be. It contains some unique treasures and forms an instructive object lesson in the evolution of children's literature and of the school book. Besides a collection of cheap books for children, several battledores (the successors of the Horn books), some rare primers, a thoroughly representative collection of fiction for children, of early toy books, and of those books in which the pill of information is gilded in a fashion which is very curious to those who are familiar with present day methods of conveying instruction, there are in the collection first editions of Goldsmith's Vicar of Wakefield, The Traveler, and The Deserted Village, and of other works by Goldsmith and Dr. Johnson, as well as many other rare treasures.

President W. E. Pulsifer, of the Union League Club, who attended the recent International Congress of Publishers in London, speaks in terms of the highest praise of the unstinted hospitality bestowed upon their guests by the publishers of the world's metropolis. The Stationers' Board gave them a banquet in Stationers' hall, while a reception in their honor was held in the Guild hall, at which the Lord Mayor of London, Sir Edward Clarke, William Morris; Lackaye, the historian; Canon Benham, of St. Paul's; Anthony Hope; the artists, Hunt and Dickinson, and many other distinguished Londoners, were present. Especially marked attention was paid to Mr. George Havens Putnam, perhaps the leading authority on copyright law, and to Mr. Dodd, of Dodd, Mead & Co. The personnel of the congress was most interesting, including, as it did, representatives of the chief publishing houses of England, the United States, Canada, France, Germany, Italy, Austria, Norway and Sweden. The object of the meeting, it perhaps goes without saying, is to discuss and try to settle, as far as possible, such questions as interest the delegates who come from the different quarters of the world, the copyright question being the all-important one.

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The annual convention of the National German Teachers' Association, held at Cleveland, O., this year, elected the following officers:

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Vice-Presidents—Miss Mary Duerst, Dayton, O.; Miss Emma Doertenbach, Cleveland; Dr. G. Bamberger, Chicago; Ernest Mueller, Carlstadt, N. J.

The association will meet in Philadelphia next year.

Chicago, Ill. The Methodist ministers have entered with the board formal protest against dancing in the public schools.

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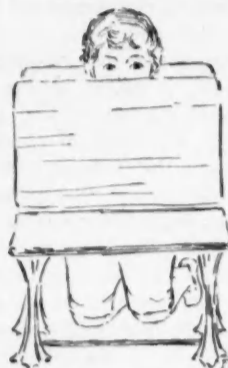
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Columbia, Ala. A new school according to plans drawn by Architects Bruce & Morgan, Atlanta, Ga.

Jasper, Ala. The plans of Architects Andrew J. Bryan & Co., Atlanta, Ga., for a new high school accepted by the board of education.

Dothen, Ala. Architects Lockwood & Smith, of Montgomery, Ala., are preparing plans for a \$10,000 school to be constructed here.

Florence, Ala. A new \$10,000 school. Winsted, Conn. Contract for erecting new school awarded.

New Haven, Conn. An addition to the Montowese school.

Waterbury, Conn. Plans for a new school drawn.

Essex, Conn. A new school. Plans prepared by Architect Jos. W. Northrop, Bridgeport, Conn.

Washington, D. C. A new 8-room school is to be erected.

Milford, Del. A new \$12,000 school.

Dahlonega, Ga. A new school according to plans of Architect G. L. Norman, Atlanta.

Chicago, Ill. Write to the business manager board of education, 1110 Schiller building, regarding the construction of new school buildings.

Charleston, Ill. A new school is in course of erection.

Bloomington, Ill. Contract to build new school awarded.

Morocco, Ind. A new two-story school. Plans drawn by Architects J. F. Alexander & Son, Fourth and Main streets, Lafayette, Ind.

South Bend, Ind. The board of education has decided to remodel the Jefferson school.

Marion, Ind. A new 8-room school. To be two stories and cost about \$15,000.

Noblesville, Ind. The contract for erecting new high school let.

Denison, Ia. It is contemplated to erect a new school in the near future.

Iowa Falls, Ia. A new school according to plans by Architect C. A. Williams, Webster City, Ia.

Fayette, Ia. A new school according to plans prepared by W. R. Parsons & Son Co., architects, Des Moines.

Davenport, Ia. Architects Clausen & Burrows have prepared plans for a new school for the board of education.

Des Moines, Ia. An addition to the Irving school is to be made.

Waukegan, Ia. The new school is in course of erection.

Topeka, Kan. Architect T. H. Lescher has prepared plans for a two-story school, 72x85 feet, for the board of education.

Byrron, Kan. A new \$7,000 school. Plans drawn by Architects J. C. Holland & Co., Topeka.

Henderson, Ky. A new \$14,000 school.

Gloucester, Mass. The Riggs school is being remodeled.

Detroit, Mich. An addition to the Western high school is being made. Architects Malcomson & Higginbotham prepared the plans.

Houghton, Mich. A new school. To be 66x81 feet,

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and two stories, and cost \$40,000. Architects Van Ryn & De Gelleke, Merrill building, Milwaukee, Wis., prepared the plans.

Harbor Beach, Mich. An 8-room school according to plans drawn by Architect I. Erb, Port Huron, Mich.

Barnesville, Minn. A new 6-room school according to plans drawn by Architects Hancock Bros., Fargo, N. D.

Minneapolis, Minn. The building of an additional four rooms to the Hamilton school is in progress.

Stewartville, Minn. Contract for the construction of a new 10-room school awarded.

Durant, Miss. A new \$12,000 school to be erected.

Ocean Springs, Miss. A new school is to be constructed.

St. Louis, Mo. Write Wm. B. Ittner, commissioner of school buildings, regarding the erecting of new schools.

Columbia, Mo. A new high school.

Blair, Neb. A new high school in accordance with drawings, etc., prepared by Architect John Latenser, Omaha, Neb.

North Platte, Neb. The board of education has adopted plans of Architect R. W. Grant, Lincoln, Neb., for the new \$25,000 high school.

Loup, Neb. A new 6-room school.

Camden, N. J. Contract for alterations and additions to the Broadway school building awarded.

Burlington, N. J. A new school is nearing completion.

Lawrenceville, N. J. Architect W. A. Poland, 11 W. State street, Trenton, N. J., drew the plans for the new school.

Pennington, N. J. A new school is in course of erection.

Hammonton, N. J. A new \$10,000 school. Work soon to commence.

New York, N. Y. Write Richard H. Adams, 585 Broadway, regarding the building of new schools.

Arcade, N. Y. An addition to school is being made.

Yonkers, N. Y. Bids for erecting new school are being considered by the board of education.

Binghamton, N. Y. Improvements on high school are being made.

Syracuse, N. Y. The old Irving school is being remodeled.

Gowanda, N. Y. A \$6,000 addition to high school is being constructed.

Charlotte, N. C. A new 18-room school after plans of Architect F. P. Milburn. To cost \$100,000.

Raleigh, N. C. The plans of Architects Pearson & Ashe have been accepted for a \$10,000 school.

Jamestown, N. D. Contract for building new high school let.

Marion, O. A new 6-room school according to plans of Architects C. A. Stribling & Co., Columbus, O.

Hamilton, O. A 4-room addition to the Fourth ward school is being made.

Glendale, O. A new 9-room school is to be constructed according to plans drawn by Brown, Burton & Davis, architects, Cincinnati.

Warrensburg, O. Contract for constructing new school awarded.

Lima, O. A new school on E. High street. Write Asa Catt, clerk board of education.

Athens, O. A new school is to be constructed.

Mt. Sterling, O. The new school is nearing completion.

Portland, Ore. A new school according to plans of Architect R. H. Miller, 16 Sherlock building.

Philadelphia, Pa. Architect Jos. D. Anschultz, 713 Filbert street, has drawn plans for a new school to be built at Franklin avenue and Somerset street.

Quakertown, Pa. An \$8,000 addition to school.

Aberdeen, S. D. Write Chas. A. Fisher regarding the construction of a new school.

Salem, S. D. Ground for a new 8-room school has been broken.

Clinton, Tenn. It is reported that \$10,000 are to be issued for the construction of a new school.

Godley, Tex. Bids for erecting new school opened.

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" High School... ABCo
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Freeland's... LG&Co
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Smith-Stringham's... MacCo
Thompson's New... MM&Co
Durrell & Robbins'... M&Co
Collins'... SF&Co
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" Standard... ABCo
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" Comprehensive... ABCo
Bailey's Series... ABCo
Bailey's Mental... ABCo
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Brooks' New... CS&Co
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Prince's... G&Co
Speer's... G&Co
Wentworth's... G&Co
Harper's Advanced... H&Bros
Coburn's First Lesson... H&Bros
" In... H&Bros
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Howe's Ele of... SB&Co
Howe's... SB&Co
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Boyer's Tablets... CSSH
Stevenson's... DA&Co
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- Botany.**
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Bentley's... ABCo
Coulter's... ABCo
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Wilson's Geometrical... LG&Co
Halle's Prac. Draw. MM&Co
Prang's Primary Course Manuals, Parts I and II... PECo
Primary Course with-out Clay, Manuals, Parts I and II... PECo
Ball's Paper Folding and Cutting... PECo
Prang's Shorter Course (1-5)... PECo
" Ele. Course... PECo
" Course for Grad. Schools... PECo
" Course for Un-graded Schools... PECo
" Rouillon's Mec... PECo
- Color Suggest'ns.**
" Geometric Prob... ABCo
White's Art Inst. (1-9) ABCo
Bartholomew's Free Shaylor's Nor. Course SB&Co
Hand... UI&Co
Eclectic Industrial... UI&Co
Natural Drawing Ser... UI&Co
6 Numbers... PPCo
- English Literature.**
Alden's Studies... ABCo
Brook's English... ABCo
Gilman's First Steps... ABCo
" Early Lit... ABCo
Schoolmaster in Lit... ABCo
Westlake's... CS&Co
Baas' Shakespeare... CSSH
Chaucer... CSSH
Labban's Essays... CSSH
A Study of Eng. Prose... CSSH
Gosse's... DA&Co
The Orthoepist... DA&Co
The Verbalist... DA&Co
Bain's Teach. Eng... DA&Co
Bryant's Leaflets... DA&Co
Irish's Am. & Brit. Auth. FV1
" Lit. Gem-Book... FV1
Treas. Thoughts... FV1
Roife's Shakespeare the Boy... H&Bros
Swinton's Studies... H&Bros
Johnson's Lit. Crit. H&Bros
Robertson's Hist. of... H&Bros
Phillips' Manual... H&Bros
Richardson's Amer... HM&Co
Masterpieces Brit. Lit... HM&Co
Riverdale Series... HM&Co
Masterpieces Am. Lit... HM&Co
Modern Classics... HM&Co
American Poems... HM&Co
American Prose... HM&Co
Ica, 27 Vols... LG&Co
Higginson's Am. Auth... LG&Co
Longman's Eng. Lit... LG&Co
Maynard's Series... MM&Co
Kellogg's on... MM&Co
Brooke's... MacCo
Rates' Am. Lit... MacCo
Carpenter's Am. Prose... MacCo
George's Chancer to Arnold... MacCo
The Silver Series... SB&Co
Pattee's Hls. Am. Lit... SB&Co
Tappan's Topical Notes on Am. Authors... SB&Co
Baldwin's Select... SB&Co
Sprague's Studies in... SB&Co
Maeritz's New Method... SB&Co
Shaw's Series... S&Co
" New History of Eng. and Am. Lit... S&Co
The Great Writers... S&Co
Tyler's Manual of... S&Co
Longman's Eng. Class-Chittenden's Ele... SF&Co
Lloyd's Little Folks... SF&Co
Mooney's Foun. Stud. SB&Co
Lake's Eng. Classics... SF&Co
Choice Readings... S&Co
Sel. from Am. Auth... S&Co
Sheldon's Readers... S&Co
Golden Rod Books... UP&Co
Standard Lit. Series... UP&Co
Johnston & Brown's... UP&Co
Story of the U. S... LP&Co
Gilman's Hls. Readers... LP&Co
Tales of the Pathfinders... LP&Co
Sanborn's Masterpieces of Prose... LP&Co
- Elocution.**
Kidd's... ABCo
Burrell's Clear Speaking and Good Reading... LG&Co
Bailey's Elocution of Read. S&Co
Bacon's Manual of Gesture... SB&Co
The Speaker... SB&Co
The Writer... SB&Co
- French.**
Sym's... ABCo
Mazzarelli's... ABCo
De Fivas' Elementary... ABCo
Dreyfuss'... ABCo
Magill's Readers... CS&Co
Longman's Gram... LG&Co
Episodes from Modern Authors... MacCo
Magnenat's Course... MacCo
Kroeh's... MacCo
LeRow's Prac. Read. MM&Co
Keeteles' Gram & Read... MM&Co
Maynard's Texts... MM&Co
Elementary French... MM&Co
La France... MM&Co
Anecdotes Nouvelles... MM&Co
Colloquial Convers... IF&Sons
Les Prosateurs Fran... IF&Sons
Le Français Pratique... IF&Sons
- Geographies.**
Natural Elementary... ABCo
" Advance... ABCo
Harper's (2)... ABCo
Barnes' (2)... ABCo
Swinton's (2)... ABCo
Eclectic (2)... ABCo
Frye's... G&Co
Longman's... LG&Co
Chisholm's... LG&Co
Tarr's Phy... MacCo
Modern Series... MacCo
Maury's... UP&Co
Werner... WS&Co
Inductive Geography... PPCo
Redway's Geography of New York State... PPCo
- Geometry and Trig.**
White's Series... ABCo
Eclectic School... ABCo
Phillips' Fisher Ser. H&Bros
Nichols'... LG&Co
Crockett's Trig... ABCo
Ray's Series... ABCo
Robinson's New G. & T... ABCo
Schuyler's Elements... ABCo
Stewart's Plane and Solid... ABCo
Schuyler's Trigon... ABCo
Brooks' Plane and Solid... CS&Co
" P. & S. Trig... CS&Co
Baker's Geom... G&Co
Hill's... G&Co
Wentworth's... G&Co
Phillips & Strong's Trig... H&Bros
Gore's Plane & Solid. LG&Co
Estlin's... LG&Co
Noelting's Elements of Edwards' Geom... MacCo
Lock-Miller's Trig... MacCo
Loney's Trig... MacCo
Petee's Plane Geom. SB&Co
Construct. Geo. SB&Co
Welch's Trig... TB&Co
Bradbury's Ele. Plane TB&Co
" Trig... TB&Co
" Geom. & Trig... TB&Co
" Acad. Plane... TB&Co
" Acad. P. & S... TB&Co
" Trig. & Survey... UP&Co
- German.**
Keller's Series... ABCo
Adler's Pro. Ger. Read... ABCo
Dreyfuss' Series... ABCo
David's Easy Stories. LG&Co
Longman's Grammar. LG&Co
" Composition... MCo
Gems of Literature... MCo
Macmillan's Series... MacCo
Kellogg's Texts... MM&Co
Neue Anekdoten... MM&Co
Deutschland und die Deutschen... MM&Co
Beginner's... MM&Co
Colloquial Convers... IP&Sons
Pitman's Practical... SB&Co
Sawyer's Grammar... SB&Co
" Manual... SB&Co
Knofloch's Ger. Simp. UP&Co
Martin's Series... WS&Co
Drillmaster in... W&J
- Geology.**
Le Contes... ABCo
Andrews' Element... ABCo
Nicholson's... ABCo
Steele's... ABCo
Geographical Portfolio. CSS&Co
Hand Book—Prac... CSS&Co
Gove's... DA&Co
Le Conte's Ele... DA&Co
Lyle's Princ... DA&Co
Tarr's Elements... MacCo
Scott's Introduction... SB&Co
Heliprin's... SB&Co
- Grammar.**
(See Language & Grammar.)
- Greek.**
Jebb's Literature... ABCo
Gladstone's Homer... ABCo
Coy's First Reader... ABCo
" For Beginners... ABCo
Crosby's Lessons... ABCo
Hadley & Allen's... ABCo
Harkness' First... ABCo
Harper & Water's In. Greek Testament... DM&K
Hahn's Novum Test. DA&Co
Goodwin's Gram... G&Co
White's First Les... G&Co
Ferguson's Ald... H&Bros
Anthon's Series... H&Bros
Ritchie's... LG&Co
Arnold's Prose Comp... LG&Co
Three Thous. Words... SB&Co
Boise-Pattengill's First Less. in Greek. SF&Co
Jones' Prose Comp... H&N
Liddell's Dict... H&N
- Histories.**
Eggleston's Am... ABCo
McMaster's U. S... ABCo
Barnes (8)... ABCo
Eggleston's (2)... ABCo
Eclectic (2)... ABCo
Guerber's English... ABCo
Swinton's... ABCo
Ridpath... ABCo
Andrews' U. S... CSSH
Adams'... CSSH
Burgess'... CSSH
Gordy's U. S... CSSH
Johnston's U. S... CSSH
Oxford Man. of Eng... CSSH
Guizot's Civil... DA&Co
Sewell's Rome... DA&Co
Crocker's Germany... DA&Co
Cooke's England... DA&Co
Sewell's Greek... DA&Co
" Hannan & Hart's... G&Co
Montgomery's... G&Co
Myers'... G&Co
Green's Eng. People. H&Bros
Smith's Greece... H&Bros
" Rome... H&Bros
Cox's Greece... H&Bros
Liddell's Rome... H&Co
Fisk's U. S... HM&Co
Hill's U. S... HM&Co
How & Leigh's Rome... LG&Co
Oman's Greece... LG&Co
How & Leigh's Rome... H&N
Higginson's U. S... H&N
- Italian.**
Without a Master... DM&K
Hugo's Method... IP&S
Language and Grammar. Patterson's Word B... ABCo
Metcalf's Ele. Eng... ABCo
" Eng. Grammar... ABCo
Maxwell Series... CS&Co
Welsh's... CS&Co
Corbett's Eng... DA&Co
Irish's Orth. & Orthoepy... FV1
Pitman's French... IP&S
Longman's... LG&Co
Reed & Kellogg's... MM&Co
Reed's Introductory... MM&Co
Kellogg & Reed's Word Building... MM&Co
Carpenter's Gram... MacCo
Davenport & Emerson's Gram... MacCo
Normal Course in English (3)... SB&Co
Welsh's Series... SB&Co
Essentials of Eng... SB&Co
Mead's The Eng. Lang. and its Gram. SB&Co
Sheldon's Prim. Language Lessons... S&Co
Patterson's Elem. of Gram. & Comp... S&Co
Eno's Compendium of DeGarmo Lang. Ser. WS&Co
Essentials of English Grammar... PPCo
Supplementary Lessons in English... PPCo
Atwood's Language Tablets... PPCo
Analysis and Parsing... PPCo
- Law—Commercial.**
Clark's... MM&Co
New Commercial... W&R
- Latin.**
Harkness' Series... ABCo
Bennett's Cicero... BH&S&Co
Clark's Eutropius... BH&S&Co
Cowles' Terence... BH&S&Co
Daniell's New L. Com. " Prose Comp... BH&S&Co
Dodge, The Private Life of the Rom. Elmer's Terence Phor. Flagg's Lives of Nepos Fowler, First Book in. Fowler's Plautus, Men. Harrington & Tolman's Gr. & Rom. Mythology. Herbermann's Sallust. Catline... BH&S&Co
Hopkins' Tacitus... BH&S&Co
Klebert's Class. Atlas. Kirkland's Horace. Satires and Epils. Lindsay's Sight Slips in Latin... BH&S&Co
Lord's Livy, Series... BH&S&Co
Miller's Latin Comp... BH&S&Co
Owen's Cicero... BH&S&Co
Platner's Pilny... BH&S&Co
Allen & Greenough's... G&Co
Lane's Gram... H&Bros
Anthon's Series... H&Bros
Latin Literature of the Empire... H&Bros
Ritchie's First Steps. LG&Co
" Latin Prose Com... LG&Co
" Easy Continuous Latin Prose... LG&Co
Morris' Ele. Latina... LG&Co
Shortest Road to Caesar... M&Co
Crelighton's... MacCo
Burgess' Drill... SB&Co
Intercollegiate Ser... SF&Co
Jones' Lessons... SF&Co
" Prose... SF&Co
Riggs' in Latinum... UP&Co
Gildersleeve's Series... UP&Co
White's Dict... H&N
Classic Texts... DM&K
- Letter Writing.**
A Manual... H&N
- Literature.**
(See English Literature.)
- Manual Training.**
McArthur's Man. Ind. DA&Co
Banner's Sewing... LG&Co
Hewitt's 2 Vols... LG&Co
Unwin's Clay Modell'g... LG&Co
Salomon's Teachers' Handbook... SB&Co
" Educat'l Theory... SB&Co
- Mental Science.**
Orton's... H&Bros
Browne's Ethics... H&Bros
" Thelam... H&Bros
" Th. and Know... H&Bros
" Metaphysics... H&Bros
Dexter's & Garlick's Psychology... LG&Co
Fitchner's Psych... MacCo
Davis' Psychology... SR&Co
Mahan's... SR&Co
Hewitt's Psychology... ABCo
Schuyler's Psychology... ABCo
Robertson's Ele. of... CSSH
Minto's Logic... WS&Co
Muirhead Eth. Ele. of... WS&Co
Hyslop's Ele. of Eth... WS&Co
Browne's Series... H&Bros
Dewey's Psychology. H&Bros
Baker's Ele. Psych. MM&Co
Davis' Elements of Psychology... SR&Co
Gordy's New Psych... H&N
- Moral Science.**
Gow Good Morals... ABCo
Hume's Essays, 2 Vol. LG&Co
" Human Nature, 2 Vols... LG&Co
Kant's Ethics... LG&Co
" Meta. of Ethics... LG&Co
Robinson's Principles. SB&Co
Poland's Ethics... SB&Co
Bain's Moral... ABCo
Poland's Fundamental Ethics... SR&Co
McKenzie's Ethics... H&N
- Music.**
Natural Series... ABCo
Stevenson Song Book... CSSH
Field-DeKoven S. Book... CSSH
Educational... G&Co
Franklin Coll... H&Bros
Riverside Song Book. HM&Co
Russell's Vocal Culture... H&Bros
Zuchtmann's Charts... KRCO
" Readers... KRCO
American System... KRCO
Bertenshaw's Method. LG&Co
Brewer & Reddall... MM&Co
Ideal Chart... MM&Co
" System... MM&Co
Modern Series... SF&Co
Normal Course... SB&Co
High School Collection... SB&Co
Aeolian Collection... SB&Co
Cecilian Series... SB&Co
Sunshine Melodies... SB&Co
Students' Hymnal... SB&Co
Euterpean... SB&Co
Normal Charts... SB&Co
Crown of Song... SB&Co
Green's... WS&Co
- Mythology.**
Skinner's Readings in Folk Lore... ABCo
Guerber's... ABCo
Murray's Manual of... DM&K
Beren's... MM&Co
- Natural Science.**
Treat's Home Studies. ABCo
Buckley's Short Hls. DA&Co
Newcomb's Pop. Astron-omy... H&Bros
Theory of Physics... H&Bros
Orton's Com. Zoology... H&Bros
Dodge's Introduction to Ele. Bio... H&Bros
Orton's Comparative Zoology (revised)... LG&Co
Reddard's Zoology... LG&Co
Griffin's Philosophy... CS&Co
Nature's Byways... MCo
Common-Sense Science. LP&Co
- Oratory.**
The Speaker... SB&Co
The Writer... SB&Co
A Manual of Gesture... SB&Co
Orator's Manuals... SB&Co
Webster's Bunker Hill... LG&Co
Briefs for Debate... LG&Co
Follett's Speaker... LG&Co
- Intellectual and Moral Philosophy.**
Browne's Series... H&Bros
Haven's Mental Philos. S&Co
Wayland's Intel. Phil. S&Co
Fairchild's Moral Sci. S&Co
Hopkins' Moral Science... S&Co
- Pedagogics.**
Hewitt's... ABCo
Shoup's... ABCo
White Ele. of... ABCo
Herbert's... CSSH
Butler's... CSSH
International Ed. Ser. DA&Co
Johannat's Prim. Teaching... DA&Co
Baldwin's Art of Sch. Man... DA&Co
Harris' Psychologic... DA&Co
Foundations Ed... DA&Co
French Without a Master... DM&K

Barnett's Teaching and Organization...LG&Co
Garlick's Manual of Methods... " "
Beale's Work & Play... " "
Salmon's Art of Teach... " "
Hallech's Ed. Nerv. Sys....MCo
Morgan's Studies...SB&Co
Putnam's... " "
Putnam's Manual of SB&Co
Mistakes in Teach....H&N
Page's... " "
Penmanship.
Barnes' Vertical...ABCo
Spencerian Series... " "
Curtis' Semi-Vertical... " "
Roudebush Writing...CSSH
Illustrated Lessons & Lectures in...ECo
Large Reversible Writing Books... " "
Current Copy Books, Vertical Series... " "
Smith's Writ. Prim....HSPCo
Ed. System... " "
Longman's New Copy Books...LG&Co
Krone-Paragard System (22 Nos.)...KBros
" Vertical... " "
" Polish Edition... " "
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" German, Vertical (8 Nos.)... " "
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New Cent. Intermedial...MCo
Normal System...SB&Co
Sheldon's Vertical...S&Co
Duntonian...TB&Co
University Series...UPCo
Simplified Penmanship... " "
Economic System of Penmanship, 6 Nos....PPCo
Potter & Putnam's System of Vertical Writing, 10 Nos.... " "

Pen Written Copies...W&R
Ellsworth's...WSBC
Logic.
Bain's...ABCo
Day's... " "
Day's Elements of...ABCo
Schuyler's Prin. of... " "
Mill's System...DA&Co
Davis' Series...H&Bros
Bowne's Series... " "
Poland's...SB&Co
Mills' System...LG&Co
Phonetic Reader.
C. W. Dean's...MCo
Ward's Nat. Method in Reading...SB&Co
Riley's New Phonic Primer...PPCo
Physics or Natural Philosophy.
Appleton's School...ABCo
Cooley's Series... " "
Steele's Popular... " "
Trowbridge's New... " "
Well's Nat. Phil....CSS
Britton's... " "
Grant's... " "
Dana's... " "
Mills'... " "
Storer's... " "
Thompson's... " "
Deschanel's N. Phil....DA&Co
Dolbear's First Prim....G&Co
Wentworth & Hill's... " "
Hopkins' Preparatory...LG&Co
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Balfour-Stewart's...MacCo
Nichols'... " "
Shaw's...MM&Co
Mead's Ele. of...SB&Co
Avery's...S&Co
Grifford's Elements...TB&Co

Physiology and Hygiene.
Overton's Series...ABCo
Smith's Primer... " "
Child's Health Primer... " "
Kellogg's First Book... " "
The Teacher's Manual...CSSH
Barnett's Making of the Body...LG&Co
Blaisdell's...G&Co
Fernandez's Phys....LG&Co
Thornton's Phys.... " "
Hutchinson's Series...MM&Co
Willard & Smith Stand....MCo
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A Healthy Body... " "
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Dunglison's...WSBC
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Morris' System...ABCo
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Perry's Prin....CSS
Woolsey's... " "
Mill's Principles...DA&Co
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Inst. of Economics... " "
Wayland's...S&Co
Chaplin's... " "
Wayland's Ele. of Pol. Economy... " "
Meserve's...TB&Co
Readers.
Baldwin's...ABCo
Harper Series... " "

Swinton Series... " "
Barnes Series... " "
Appleton Series... " "
McGuffey Series... " "
Longman's "Ship" Lit....LG&Co
" Supplement. Fairy.... " "
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" "Ship" Historic... " "
Cyr Series...G&Co
Collard's...MM&Co
Todd-Powell Normal...SB&Co
Ward Rational Method... " "
Stepping Stones... " "
Sheldon's Series...S&Co
New Franklin Series... " "
Davis'...UPCo
Holmes'... " "
Pollard Series...WPH
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Knoflach's Span. Simp....UPCo
Spellers.
Rice's Series...ABCo
Beltzel's Word Build....CSCo
Graves'...G&Co
Reed-Word Lessons...MM&Co
Morse Speller...MCo

Benedict's...M&Co
New Speller...H&N
Gem Spelling Blanks...PL&Co
De Vere's Grammar... " "
Student's...SF&Co
Normal Course...SB&Co
Sheldon's Word Studies...S&Co
Patterson's Com. School... " "
Speller... " "
Plain English...PTBCo
Holmes' Elementary...UPCo
Hansell's Primary... " "
Pollard Speller...WPH
Columbian...WSBCo
Seventy Lessons...W&R
Classic Speller, 2 Nos....PPCo
Student's Standard... " "
Speller... " "
School Records.
Smith's Register...H&N
Translations.
Literal of the Classics...DMcK
Interlinear of... " "
Classical Library...H&Bros
Handy (75 vols.)...H&N
Writing.
Standard Vertical...CSCo
Popular System... " "
Shayler's System...G&Co
Smith's System...HSCo
Merrill's...MM&Co
Normal System...SB&Co
Zoology.
Burnet's...ABCo
Holder's Elementary... " "
Morse's First Book...in. " "
Steele's Series... " "
Johannot's Series...S&Co
Nicholson's Manual...DA&Co
Beddard's...LG&Co

ABBREVIATIONS.
American Book Co....ABCo
Appleton & Co....DA&Co
Concordia Pub. Co....CPCo
Central Sch. Sup. II....CSSH
Charles Scribner's Sons...CSS
Ellsworth Co., The...ECo
Ginn & Co....G&Co
Harper & Brothers...H&Bros
Hinds & Noble...H&N
Houghton, Mifflin & Co....HMC
Irish, Frank V....FV
Krone Bros...KBros
King, Richardson & Co....KR&Co
Longmans, Green & Co....LG&Co
Maynard, Merrill & Co....MM&Co
Merrillam, G & C. Co....G&C
Morse Co., The...TMCo
Macmillan Co....MacCo
Pitman & Sons, Isaac...IP&S
Potter & Putnam Co....PPCo
Prang Educational Co....PECo
Powers, O. M....OMP
R. L. Meyers & Co....M&Co
Sanborn & Co., B. H....BS&Co
Sheldon & Co....S&Co
Silver, Burdett & Co....SB&Co
Smith Pub. Co., H. P....HPC
Scott, Foresman & Co....SF&Co
Sower Co., Christopher...CSCo
Thompson, Brown & Co....TB&Co
University Pub. Co....UPCo
Western Pub. House...WPH
Williams & Rogers...W&R
Werner School Book Co....WSBCo
Lothrop Publishing Co....LPCo

Heating and Ventilating.

Wellington, Kan. The contract for repairing the furnaces of the Third ward school was let to Lewis & Kitchen, of Kansas City, Mo.

Warrensburg, N. Y. The following firms submitted bids for the heating and ventilating apparatus to be placed in the newly erected school: G. E. Adams & Co., Glens Falls; H. B. Smith Co., Northcott Warming and Ventilating Co., Elmira; Pease Furnace Co., and Ridgeway & Tyler, Albany.

St. Joseph, Mo. A school house heating and ventilating contract was awarded to Lewis & Kitchen, of Kansas City, Mo.

Duluth, Minn. The American Warming and Ventilating Co. captured the contract to equip the Madison school with a steam heating plant.

Wausau, Wis. The new high school is to be heated by hot air, the Blackman fan furnace being used for ventilation. The degree of heat will be regulated by the Powers automatic regulation system.

Buffalo, N. Y. The ventilation of the schools during the past few years has been much improved. An attempt has been made to systematize and regulate the school ventilation. Cards containing rules and regulations of general application have been placed in every school room. In several schools the principals have taken the teachers through the building from basement to attic, explaining to them, in a practical way, the ventilating system. In some schools the upper grade teachers have taken their classes also through the building with the same object in view.

Detroit, Mich. By a recent act of the legislature it is provided that the committee on health and ventilation shall inform itself and advise the board from time to time in regard to all matters relating to the warming, ventilating and lighting of the school rooms and the sanitary conditions of the building and grounds.

Murray, Ind. The new school building will be supplied with the fan system of heating and ventilation. Peck-Williamson, of Cincinnati, have secured the contract.

Jacksonville, Ill. A committee of the board of education visited Woodruff, N. J., to examine a heating and ventilating system. The system examined was that of the Peck-Williamson.

Brooklyn, N. Y. Contract for heating and ventilating apparatus for school No. 50 awarded to Wells & Newton Co.

New Bedford, Mass. A. A. Sanborn has contract to install heating and ventilating plant in the Harrington school building.

Grand Rapids, Mich. Weatherly & Pulte have been doing heating and ventilating repair work for the board of education.

Tiffin, O. A representative of the Smead Furnace Co., of Toledo, recently addressed the board of education with reference to the matter of furnaces in the Miami street school building.

Hamilton, O. The Peck-Williamson Heating and Ventilating Co., of Cincinnati, secured contract to make the necessary repairs on the heating apparatus of the Central high school.

Detroit, Mich. The Powers Regulator Co. will equip the new twenty-two room addition to the Western school with their system of heat regulation.

Cleveland, O. Bartlett Bros. Co. were the successful bidders for the heating and ventilating contract. They will install in the new East high school the Webster system.

New Bedford, Mass. Contract for a heating and ventilating system for the Harrington school awarded to A. A. Sanborn, of Boston.

Massachusetts and Connecticut are the only states that present a standard of ventilation for school houses and require enforcement under legal penalty. Pennsylvania and New York provide for the circulation of plans for school buildings with "healthful ventilation."

Utica, N. Y. The Peck-Williamson Heating and Ventilating Co., of Cincinnati, O., has been doing work for the board of education.

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Props., Toledo, O.

We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligation made by their firm.

WEST & TEVAX, Wholesale Druggists, Toledo, O.

WALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price 75c. per bottle. Sold by all Druggists. Testimonials free. Hall's Family Pills are the best.

Cleveland, O. The Powers Regulator Co. and the Johnson Electric Service Co. bid for the temperature regulating contract with which the new East high school is to be equipped.

Exhibit our Cuban Panoramic War Exhibition Outfit
AND YOU CAN MAKE
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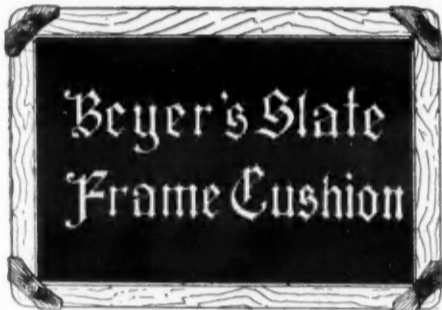
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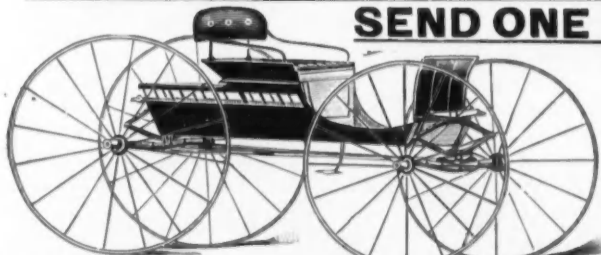


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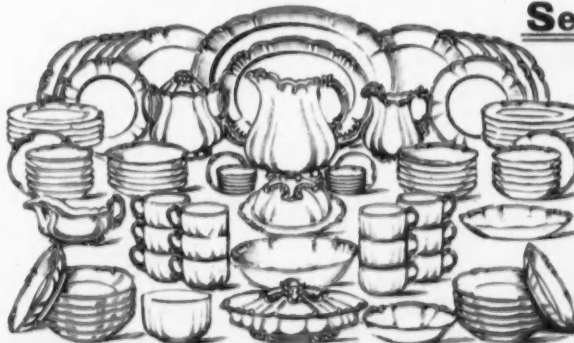
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